

MOTOBATT

Unique Premium Powersports Batteries



BATTERIES CHARGERS TESTERS ACCESSORIES

Catalogue

2025/2026

AJO
motorsport
Moto2 Moto3



Walker
22

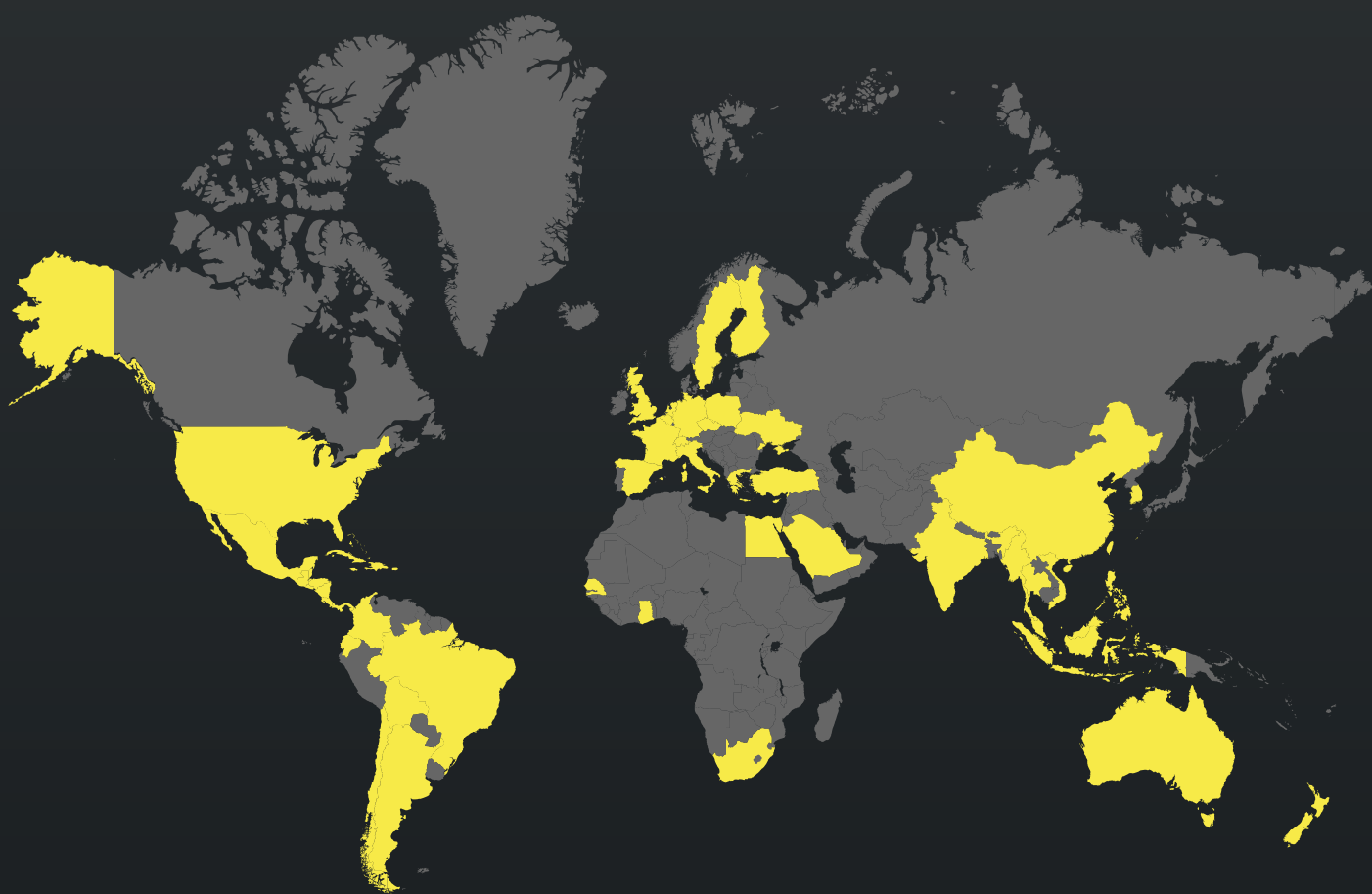




YOUNG MOTION
POWERED BY
RESA
EST. RACING 2006



MOTOBATT **IN THE WORLD**



We currently distribute to **more than 57 countries** around the world, in addition we offer a full line of batteries, chargers, testers and related accessories.

Explore more in motobatt.com



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Company profile

In 2002, three friends and battery sales professionals in Jacksonville, FL, USA, realized that conventional batteries available in the market had remained unchanged for many years. However, user demands for increased power continued to rise each year due to the use of additional accessories connected to motorcycles, such as GPS, LED lights, stereos, heated gloves, alarms, and a wide variety of other accessories.

Motobatt reinvented the designs of these batteries to meet the needs of Powersport users. After years of research and development in 2008, they proudly introduced their groundbreaking AGM (absorbed glass mat) battery to the world. It was the first and only battery in the world equipped with Quadflex technology, which is named for its unique feature of having four terminals.



Technology and innovation

Motobatt manufactures high-performance batteries for the most demanding motorcyclists. We use environmentally sensitive components and superior quality materials, and our innovative technology is protected by worldwide patents. Our QuadFlex battery is the first and only battery

with four terminals, and our new Hybrid battery is the first and only battery that combines the advantages of lead/acid and lithium batteries. These innovations have made Motobatt a global leader in the battery industry, and we are proud to be recognized as Premium Batteries.

MOTOBATT

QuadFlex Battery



**Only 42 Motobatt AGM QuadFlex units
replace 239 references of other brands.**

Motobatt Quadflex offers the **best balance** between AH (ampere-hours) and CCA (cold cranking amps), achieving this by **increasing the size of the internal plates** (within the same external dimensions) and **utilizing the unused space** found in other batteries.

This is made possible through **our world-patented innovative cell connection system**. Additionally, we enhance the thickness of the grid, the density of the paste, and the weight of the active material **to maximize the capacity allowed** by its size, completely **revolutionizing the Powersport market**.



4 Terminals



More Power



Unique Design



Premium Battery
99.99% Pure Lead

MOTOBATT

QuadFlex Battery

+30% Power vs. Traditional batteries



TRADITIONAL
YTX9BS (8Ah)

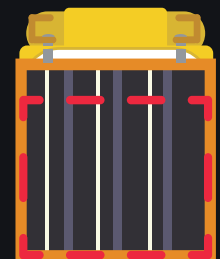
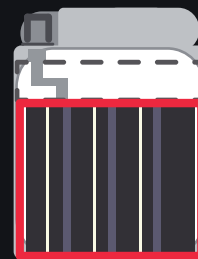


MOTOBATT
MBTX9U (10.5Ah)

Lead plates are higher
and wider



New straight-through
welding technology.



Wasted space by
traditional battery.

AGM Quadflex Benefits

- ✓ **More power**
Experience **up to 30% more power** with the same size as other batteries, thanks to its exclusive design.
- ✓ **Maintenance-Free**
Fully sealed and factory activated, it requires no maintenance.
- ✓ **Safe**
No need to add acid, **we use eco-friendly materials**.
- ✓ **Sales**
With just 12 units, you can **replace 85% applications** available in the market.
- ✓ **Ready to go**
With a voltage of over 12.5V, **the battery is ready to use**.
- ✓ **Durable**
Thanks to its technology and high quality components, it is **extremely resistant to vibrations**.

AGM Quadflex Technical Specifications



Battery Type: MBT6N4	
Voltage: 6V	
C(10): 4Ah	C(20): 4.2Ah
Weight: 0.73kg / 1.61lbs	
Dimensions (in / mm) L: 2.80(71) W: 2.80(71) H: 3.80(96)	
Assembly Figure Terminal Locations: 2	
Terminal: 2, (Wires)	
Terminal Cable Adaptors: MP6NC3, MP6NC4, MP6NC7, MP6NC8, MP6NC9, MP6NC10, MP6NC11, MP6NCD	
Screws: N/A	
Allen Wrench: N/A	
Terminal Caps: N/A	
Spacer: N/A	



Battery Type: MBT6N6	
Voltage: 6V	
C(10): 6Ah	C(20): 6.4Ah
Weight: 1.05kg / 2.31lbs	
Dimensions (in / mm) L: 3.82(97) W: 2.20(56) H: 4.37(111)	
Assembly Figure	
Terminal Locations: 2	
Terminals: 2, (Wires)	
Terminal Cable Adaptors: MP6NC4, MP6NC5, MP6NC9, MP6N10, MP6NC12, MP6NC16	



Battery Type: MB2.5U		
Voltage: 6V	C(10): 2.5Ah	C(20): 2.7Ah
CCA: 35A	MCA: 83A	PHCA: 243A
Weight: 1.08kg / 2.38lbs		
Dimensions (in / mm) L: 3.15(80) W :2.76(70) H: 4.13(105)		
Assembly Figure Terminal Locations: 2		
Terminal: 2, (Wires)		
Screws: N/A		
Terminal Caps: N/A		
Spacer: N/A		

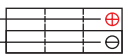


Battery Type: MB3U		
Voltage: 12V	C(10): 3.8Ah	C(20): 4.0Ah
CCA: 50A	MCA: 105A	PHCA: 266A
Weight: 1.34kg / 2.95lbs		
Dimensions (in / mm) L: 3.86(98) W: 2.20(56) H: 4.33(110)		
Assembly Figure Terminal Locations: 2		
Terminals: 2, 10X15 (Threaded Flag)		
Screws: 2, M5X7 (Part# MPS1)		
Allen Wrench: 1, 3x3 (Part# MPAK1)		
Terminal Caps: N/A		
Spacer: N/A		

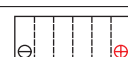


Battery Type: MBT4BB		
Voltage: 12V	C(10): 2.5Ah	C(20): 2.7Ah
CCA: 40A	MCA: 94A	PHCA: 254A
Weight: 0.97kg / 2.13lbs		
Dimensions (in / mm) L: 4.45(113) W: 1.50(38) H: 3.43(87)		
Assembly Figure Terminal Locations: 2		
Terminals: 2, (Spade)		
Screws: N/A		
Allen Wrench: N/A		
Spacer: N/A		



Battery Type: MT4R		
Voltage: 12V	C(10): 2.5Ah	C(20): 2.7Ah
CCA: 45A	MCA: 99A	PHCA: 260A
Weight: 1.12kg / 2.46lbs		
Dimensions (in / mm) L: 4.49(114) W: 1.93(49) H: 3.39(86)		
Assembly Figure		
Terminal Locations: 2		
Terminals: 2, (Spade)		
Screws: NA		
Allen Wrench: N/A		
Terminal Caps: N/A		
Spacer: N/A		

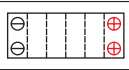


Battery Type: MBTX4U		
Voltage: 12V	C(10): 4.7Ah	C(20): 5Ah
CCA: 70A	MCA: 126A	PHCA: 290A
Weight: 1.57kg / 3.46lbs		
Dimensions (in / mm) L: 4.49(114) W: 2.76(70) H: 3.43(87)		
Assembly Figure Terminal Locations: 2		
Terminals: 2, Fixed		
Screws: 2, M5X10 (Part# MPS3)		
Block Nut: 2, M5 (Part# MPN1)		
Terminal Caps: N/A		

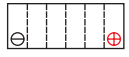


Battery Type: MB5U		
Voltage: 12V	C(10): 7Ah	C(20): 7.4Ah
CCA: 90A	MCA: 147A	PHCA: 350A
Weight: 2.30kg / 5.07lbs		
Dimensions (in / mm) L: 4.72(120) W: 2.36(60) H: 5.12(130)		
Assembly Figure		
Terminal Locations: 4		
Terminals: 2, M5X2.5 (Part# MPT1)		
Screws: 4, M5X7 (Part# MPS1)		
Allen Wrench: 1, 3X3 (Part# MPAK1)		
Terminal Caps: 4, 11X5.5 (Part# MPC1)		
Spacer: N/A		

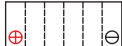
AGM Quadflex Technical Specifications

 	Battery Type: MB5.5U		
	Voltage: 12V C(10): 7Ah C(20): 7.4Ah		
	CCA: 90A MCA: 147A PHCA: 350A		
	Weight: 2.48kg / 5.47lbs		
	Dimensions (in / mm) L: 5.31(135) W: 2.36(60) H: 5.12(130)		
	Assembly Figure Terminal Locations: 4		
	Terminals: 2, M5X2.5 (Part# MPT1)		
Screws: 4, M5X7 (Part# MPS1)			
Allen Wrench: 1, 3X3 (Part# MPAK1)			
Terminal Caps: 4, 11X5.5 (Part# MPC1)			
Spacer: N/A			

 	Battery Type: MB7U		
	Voltage: 12V C(10): 7Ah C(20): 7.4Ah		
	CCA: 100A MCA: 158A PHCA: 324A		
	Weight: 2.25kg / 4.95lbs		
	Dimensions (in / mm) L: 5.91(150) W: 2.56(65) H: 3.70(94)		
	Assembly Figure Terminal Locations: 2		
	Terminals: 2, Fixed		
	Screws: 2, M5X10 (Part# MPS3)		
	Block Nut: 2, M5 (Part# MPN1)		
	Spacer: N/A		

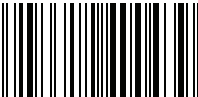
 	Battery Type: MBT7ZS		
	Voltage: 12V C(10): 6.5Ah C(20): 6.9Ah		
	CCA: 100A MCA: 158A PHCA: 324A		
	Weight: 2.10kg / 4.63lbs		
	Dimensions (in / mm) L: 4.49(114) W: 2.76(70) H: 4.21(107)		
	Assembly Figure Terminal Locations: 2		
	Terminals: 2, Fixed		
	Screws: 2, M5X10 (Part# MPS3)		
	Block Nut: 2, M5 (Part# MPN1)		
	Terminal Caps: N/A		

  6 194731214002001	Battery Type: MBTX7U		
	Voltage: 12V C(10): 8Ah C(20): 8.5Ah		
	CCA: 130A MCA: 190A PHCA: 360A		
	Weight: 2.60kg / 5.73lbs		
	Dimensions (in / mm) L: 4.49(114) W: 2.76(70) H: 5.04(128)		
	Assembly Figure Terminal Locations: 2		
	Terminals: 2, Fixed		
	Screws: 2, M5X10 (Part# MPS3)		
	Block Nut: 2, M5 (Part# MPN1)		
	Terminal Caps: N/A		
	Spacer: N/A		

 	Battery Type: MBTX7ABS		
	Voltage: 12V C(10): 7Ah C(20): 7.4Ah		
	CCA: 105A MCA: 163A PHCA: 330A		
	Weight: 2.45kg / 5.37lbs		
	Dimensions (in / mm) L: 5.87(149.2) W: 3.29(83.6) H: 3.74(95)		
	Assembly Figure Terminal Locations: 2		
	Terminals: 2, Fixed		
	Screws: 2, M6X12 (Part# MPS4)		
	Block Nut: 2, M6 (Part# MPN3)		
	Terminal Caps: N/A		
Spacer: N/A			

  6 947312 400293	Battery Type: MB7BB		
	Voltage: 12V C(10): 9Ah C(20): 9.5Ah		
	CCA: 140A MCA: 201A PHCA: 370A		
	Weight: 3.00kg / 6.61lbs		
	Dimensions (in / mm) L: 5.91(150) W: 2.36(60) H: 5.12(130)		
	Assembly Figure Terminal Locations: 4		
	Terminals: 2, M5x2.5 (Part# MPT1)		
	Screws: 4, M5X7 (Part# MPS1)		
	Allen Wrench: 1, 3X3 (Part# MPAK1)		
	Terminal Caps: 4, 11X5.5 (Part# MPC1)		
	Spacer: N/A		

 	Battery Type: MB7C-A		
	Voltage: 12V C(10): 8.5Ah C(20): 9.0Ah		
	CCA: 125A MCA: 178A PHCA: 338A		
	Weight: 2.92kg / 6.49lbs		
	Dimensions (in / mm) L: 5.10(129.5) W: 3.52(89.5) H: 4.49(114)		
	Assembly Figure Terminal Locations: 2		
	Terminals: 2, Fixed		
	Screws: 2, M6X12 (Part# MPS4)		
	Block Nut: 2 (Part# MPN6)		
	Terminal Caps: None		
	Spacer: N/A		

  6 1947312 400439	Battery Type: MBT9B4		
	Voltage: 12V C(10): 9Ah C(20): 9.5Ah		
	CCA: 140A MCA: 201A PHCA: 370A		
	Weight: 2.82kg / 5.71lbs		
	Dimensions (in / mm) L: 5.91(150) W: 2.76(70) H: 4.09(104)		
	Assembly Figure Terminal Locations: 2		
	Terminals: 2, Fixed		
	Screws: 2, M6X8 (Part# MPS4)		
	Terminal Caps: None		
	Spacer: N/A		

AGM Quadflex Technical Specifications



Battery Type: MBTX9U

Voltage: 12V	C(10): 10.5Ah	C(20): 11.1Ah
CCA: 160A	MCA: 195A	PHCA: 350A
Weight: 3.40kg / 7.50lbs		
Dimensions (in / mm) L: 5.94(151) W: 3.43(87) H: 4.13(105)		
Assembly Figure Terminal Locations: 4		
Terminal: 4, Fixed		
Screws: 2, M6X12 (Part# MPS7)		
Block Nut: 2, M6 (Part# MPN2)		
Terminal Caps: 4 (Part# MPC3)		



Battery Type: MB9U

Voltage: 12V		C(10): 11Ah	C(20): 11.7Ah
CCA: 165A	MCA: 219A	PHCA: 395A	
Weight: 3.40kg / 7.48lbs			
Dimensions (in / mm) L: 5.35(136) W: 2.99(76) H: 5.24(133) TH1: 5.48(139) TH2: 6.1(155)			
Assembly Figure Terminal Locations: 4			
Terminals: 2, M6X2.5 (Part# MPT2)			
Screws: 4, M6X7 (Part# MPS2)			
Allen Wrench: 1, 4X4 (Part# MPAK2)			
Terminal Caps: 4, 12X5.5 (Part# MPC2)			
Spacer: 2, Bottom (Part# MPBS2) Spacer1=6mm, Spacer 2=16mm, Total=22mm			



Battery Type: MBT10S

Voltage: 12V	C(10): 8.6Ah	C(20): 9.1Ah
CCA: 165A	MCA: 219A	PHCA: 395A
Weight: 2.70kg / 6.39lbs		
Dimensions (in / mm) L: 5.94(151) W: 3.43(87) H: 3.74(95)		
Assembly Figure Terminal Locations: 4		
Terminal: 4, Fixed		
Screws: 2, M6X12 (Part# MPS7)		
Block Nut: 2, M6 (Part# MPN2)		
Terminal Caps: 4 (Part# MPC3)		
Spacer: N/A		

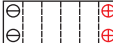


Battery Type: MB10U

Voltage: 12V	C(10): 14.5Ah	C(20): 15.4Ah
CCA: 175A	MCA: 238A	PHCA: 420A
Weight: 4.30kg / 9.48lbs		
Dimensions (in / mm) L: 5.31(135) W: 3.54(90) H: 5.75(146) TH: 6.10(155)		
Assembly Figure Terminal Locations: 4		
Terminals: 2, (Part# MPT4)		
Screws: 4, M6X7 (Part# MPS2)		
Allen Wrench: 1, 4X4 (Part# MPAK2)		
Terminal Caps: 4, 12X5.5 (Part# MPC2)		
Spacer: 1, 8mm Bottom (Part# MPBS3)		



Battery Type: MBTX12U

Voltage: 12V	C(10): 14Ah	C(20): 14.8Ah
CCA: 210A	MCA: 275A	PHCA: 451A
Weight: 4.40kg / 9.7lbs		
Dimensions (in / mm) L: 5.94(151) W: 3.43(87) H: 5.12(130) TH1: 5.31(135) TH2: 5.71(145)		
Assembly Figure Terminal Locations: 4		
Terminals: 4, Fixed		
Screws: 2, M6X12 (Part# MPS7)		
Block Nut: 2, M6 (Part# MPN2)		
Terminal Caps: 4 (Part# MPC3)		
Spacer: 15mm Bottom (Part# MPBS4)		
Nut Spacer: 2, (Part# MP3W)		



Battery Type: MB12U

Voltage: 12V	C(10): 14Ah	C(20): 14.8Ah
CCA: 170A	MCA: 233A	PHCA: 405A
Weight: 4.40kg / 9.7lbs		
Dimensions (in / mm) L: 5.28(134) W: 3.15(80) H: 6.34(161) TH: 6.89(175)		
Assembly Figure Terminal Locations: 4		
Terminals: 2, (Part# MPT4)		
Screws: 4, M6X7 (Part# MPS2)		
Allen Wrench: 1, 4X4 (Part# MPAK2)		
Terminal Caps: 4, 12X5.5 (Part# MPC2)		
Spacer: 1, 14mm Bottom (Part# MPBS5)		



Battery Type: MBT12B4

Voltage: 12V	C(10): 12Ah	C(20): 12.7Ah
CCA: 165A	MCA: 228A	PHCA: 415A
Weight: 3.68kg / 7.76lbs		
Dimensions (in / mm) L: 5.91(150) W: 2.76(70) H: 5.12(130)		
Assembly Figure Terminal Locations: 2		
Terminals: 2, Fixed		
Screws: 2, M6X8 (Part# MPS6)		
Terminal Caps: N/A		



Battery Type: MBT14B4

Voltage: 12V		C(10): 14Ah	C(20): 14.8Ah
CCA: 180A	MCA: 243A	PHCA: 435A	
Weight: 4.25kg / 9.04lbs			
Dimensions (in / mm) L: 5.91(150) W: 2.76(70) H: 5.67(144)			
Assembly Figure Terminal Locations:			
Terminals: 2, Fixed			
Screws: 2, M6X8 (Part# MPS6)			
Terminal Caps: N/A			

AGM Quadflex Technical Specifications



Battery Type: MBTZ14S

Voltage: 12V	C(10): 11.5Ah	C(20): 12.2Ah
CCA: 170A	MCA: 233A	PHCA: 405A
Weight: 3.54kg / 7.81lbs		
Dimensions (in / mm) L: 5.94(151) W: 3.42(87) H: 4.33(110)		
Assembly Figure Terminal Locations: 4		
Terminals: 4, Fixed		
Screws: 2, M6X12 (Part# MPS7)		
Block Nut: 2, M6 (Part# MPN2)		
Terminal Caps: 4, (Part# MPC3)		
Spacer: N/A		



Battery Type: MBTX14AU

Voltage: 12V	C(10): 16.5Ah	C(20): 17.5Ah
CCA: 250A	MCA: 319A	PHCA: 498A
Weight: 5.4kg / 11.92lbs		
Dimensions (in / mm) L: 5.31(135) W: 3.54(90) H: 6.61(168) TH: 6.93(176)		
Assembly Figure Terminal Locations: 4		
Terminals: 2, (Part# MPT4)		
Screws: 4, M6X7 (Part# MPS2)		
Allen Wrench: 1, 4X4 (Part# MPAK2)		
Terminal Caps: 4, 12X5.5 (Part# MPC2)		
Spacer: 1, 8mm Bottom (Part# MPBS3)		



Battery Type: MBYZ16H

Voltage: 12V	C(10): 16.5Ah	C(20): 17.5A
CCA: 240A	MCA: 308A	PHCA: 487A
Weight: 5.05kg / 11.13lbs		
Dimensions (in / mm)		
L: 5.94(151) W: 3.42(87) H: 5.70(145)		
Assembly Figure Terminal Locations: 4		
Terminals: 4, Fixed		
Screws: 2, M6X12 (Part# MPS7)		
Block Nut: 2, M6 (Part# MPN2)		
Terminal Caps: 4, (Part# MPC3)		
Nut Spacer: 2, (Part# MP3W)		



Battery Type: MB16A

Voltage: 12V	C(10): 19Ah	C(20): 20.1Ah
CCA: 220A	MCA: 286A	PHCA: 463A
Weight: 5.47kg / 12.07lbs		
Dimensions (in / mm) L: 5.94(151) W: 3.58(91) H: 7.13(181)		
Assembly Figure Terminal Locations: 2		
Terminals: 2, Fixed		
Screws: 4, (Part# MPS4, MPS5)		
Terminal Caps: 2, (Part# MPC3)		
Spacer: N/A		



Battery Type: MBTX16U

Voltage: 12V	C(10): 19Ah	C(20): 20.1Ah
CCA: 245A	MCA: 314A	PHCA: 488A
Weight: 5.65kg / 12.5lbs		
Dimensions (in / mm) L: 5.94(151) W: 3.43(87) H: 6.34(161)		
Assembly Figure Terminal Locations: 4		
Terminals: 4, Fixed		
Screws: 2, M6X12 (Part# MPS7) 2, M6X8 (Part# MPS5)		
Block Nut: 2, M6 (Part# MPN5)		
Terminal Caps: 4, (Part# MPC3)		
Spacer: N/A		



Battery Type: MB16U

Voltage: 12V		C(10): 20Ah		C(20): 21.2Ah	
CCA: 235A		MCA: 301A		PHCA: 477A	
Weight: 5.90kg / 13.0lbs					
Dimensions (in / mm) L: 6.30(160) W: 3.54(90) H: 6.34(161)					
Assembly Figure Terminal Locations: 4					
Terminals: 2, (Part# MPT4)					
Screws: 4, M6X7 (Part# MPS2)					
Allen Wrench: 1, 4X4 (Part# MPAK2)					
Terminal Caps: 4, 12x5.5 (Part# MPC2)					
Spacer: N/A					



Battery Type: MB16AU

Voltage: 12V	C(10): 20.5Ah	C(20): 21.7Ah
CCA: 250A	MCA: 319A	PHCA: 498A
Weight: 6.25kg / 13.78lbs		
Dimensions (in / mm) L: 8.15(207) W: 2.83(72) H: 6.46(164)		
Assembly Figure Terminal Locations: 2		
Terminals: 2, Fixed		
Screws: 2, M6X12 (Part# MPS7)		
Block Nut: 2, M6 (Part# MPN2)		
Spacer: N/A		



Battery Type: MB18U

Voltage: 12V	C(10): 22.5Ah	C(20): 23.9Ah
CCA: 280A	MCA: 351A	PHCA: 533A
Weight: 6.8kg / 15.01lbs		
Dimensions (in / mm) L: 7.09(180) W: 3.54(90) H: 6.38(162)		
Assembly Figure Terminal Locations: 4		
Terminals: 2, (Part# MPT4)		
Screws: 4, M6X7 (Part# MPS2)		
Allen Wrench: 1, 4X4 (Part# MPAK2)		
Terminal Caps: 4, 12x5.5 (Part# MPC2)		
Spacer: N/A		

AGM Quadflex Technical Specifications



Battery Type: MB51814		
Voltage: 12V	C(10): 20Ah	C(20): 21.2Ah
CCA: 235A	MCA: 302A	PHCA: 480A
Weight: 6.6kg / 14.56lbs		
Dimensions (in / mm) L: 7.2(183) W: 3.15(80) H: 6.69(170)		
Assembly Figure Terminal Locations: 4		
Terminal: 2, (Part# MPT4)		
Screws: 2, M6X7 (Part# MPS2)		
Allen Wrench: 1, 4X4 (Part# MPAK2)		
Terminal Caps: 4, 12X5.5 (Part# MPC2)		
Spacer: N/A		



Battery Type: MBTX20U		
Voltage: 12V	C(10): 22.5Ah	C(20): 23.8Ah
CCA: 335A	MCA: 400A	PHCA: 650A
Weight: 6.50kg / 14.55lbs		
Dimensions (in / mm)		
L: 6.89(175) W: 3.43(87) H: 6.06(154)		
TW: 3.94(100) TH: 6.85(174)		
Assembly Figure Terminal Locations: 4		
Terminals: 4, Fixed		
Screws: 2, M6X12 (Part# MPS7)		
Terminal Caps: 2, (Part# MPC3) 2, (Part# MPC5)		
Spacer: 2, 20mm Bottom (Part# MPBS7) 15mm Back (Part# MPBS4)		



Battery Type: MBTX24U		
Voltage: 12V	C(10): 25Ah	C(20): 26.5Ah
CCA: 350A	MCA: 426A	PHCA: 630A
Weight: 7.45kg / 16.44lbs		
Dimensions (in / mm) L: 8.07(205) W: 3.43(87) H: 6.38(176) TH: 6.93(176)		
Assembly Figure Terminal Locations: 4		
Terminal: 2, (Part# MPT4)		
Screws: 4, M6X7 (Part# MPS2)		
Allen Wrench: 1, 4X4 (Part# MPAK2)		
Terminal Caps: 4, 12X5.5 (Part# MPC2)		
Spacer: 1, 14mm Bottom (Part# MPBS8)		



Battery Type: MBTX30U		
Voltage: 12V	C(10): 33Ah	C(20): 35Ah
CCA: 450A	MCA: 525A	PHCA: 721A
Weight: 10kg / 22.04lbs		
Dimensions (in / mm) L: 6.54(166) W: 4.96(126) H: 6.89(192) TH: 7.56(192)		
Assembly Figure Terminal Locations: 4		
Terminal: 4, Fixed		
Screws: 2, M6X12 (Part# MPS7)		
Block Nut: 2, M6 (Part# MPN4)		
Terminal Caps: 4, (Part# MPC4)		
Spacer: 17mm Bottom (Part# MPBS9)		



Battery Type: MBU1-35		
Voltage: 12V	C(10): 35Ah	C(20): 37.1Ah
CCA: 420A	MCA: 523A	PHCA: 710A
Weight: 10.5kg / 23.16lbs		
Dimensions (in / mm) L: 7.67(195) W: 5.16(130) H: 7.13(179)		
Assembly Figure Terminal Locations: 2		
Terminals: 2, 16X16 (Flag)		
Screws: 2, M8X16		
Allen Wrench: N/A		
Terminal Caps: N/A		
Spacer: N/A		



Battery Type: MBU1R-35		
Voltage: 12V	C(10): 35Ah	C(20): 37.1Ah
CCA: 420A	MCA: 523A	PHCA: 710A
Weight: 10.5kg / 23.16lbs		
Dimensions (in / mm) L: 7.67(195) W: 5.16(130) H: 7.13(179)		
Assembly Figure Terminal Locations: 2		
Terminals: 2, 16X16 (Threaded Flag)		
Screws: 2, M8X16		
Allen Wrench: N/A		
Terminal Caps: N/A		
Spacer: N/A		



Battery Type: MBTZ26RHD		
Voltage: 12V	C(10): 50Ah	C(20): 54Ah
CCA: 585A	MCA: 680A	PHCA: 1200A
Weight: 15.4kg / 33.94lbs		
Dimensions (in / mm) L: 7.70(195.5) W: 6.54(166) H: 7.01(178) TH: 7.64(194)		
Assembly Figure Terminal Locations: 4		
Terminals: 4, Fixed		
Terminal Caps: 4, (Part# MPC6)		
Handle: 1		

**+30%
POWER**

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larger plates



AGM QUADFLEX for Heavy Duty



Battery Type: MBTX12UHD

Voltage: 12V C(10): 14Ah C(20): 14.8Ah

CCA: 210A MCA: 395A PHCA: 605A

Weight: 6.60kg / 14.55lbs

Dimensions (in / mm)

L: 6.89(175) W: 3.43(87) H: 6.10(155)

TW: 3.94 (100). TH: 6.89(175)

Assembly Figure

Terminal Locations: 4



Terminals: 4, Fixed

Screws: 2, M6X12 (Part# MPS7)

Block Nut: 2, M6 (Part# MPN2)

Nut Spacer: 2, (Part# MP3W)

Terminal Caps: 4, (Part# MPC3)

Spacers: 1, 15mm Bottom (Part# MPBS4)



Battery Type: MBYZ16HD

Voltage: 12V C(10): 16.5Ah C(20): 17.5Ah

CCA: 240A MCA: 308A PHCA: 487A

Weight: 5.05kg / 11.13lbs

Dimensions (in / mm)

L: 5.94(151) W: 3.42(87) H: 5.70(145)

Assembly Figure

Terminal Locations: 4



Terminals: 4, Fixed

Screws: 2, M6X12 (Part# MPS7)

Block Nut: 2, M6 (Part# MPN2)

Terminal Caps: 4, (Part# MPC3)

Nut Spacer: 2, (Part# MP3W)



Battery Type: MBTX20UHD

Voltage: 12V C(10): 22.5Ah C(20): 23.8Ah

CCA: 335A MCA: 400A PHCA: 650A

Weight: 6.50kg / 14.55lbs

Dimensions (in / mm)

L: 6.89(175) W: 3.43(87) H: 6.06(154)

TW: 3.94(100) TH: 6.85(174)

Assembly Figure

Terminal Locations: 4



Terminals: 4, Fixed

Screws: 2, M6X12 (Part# MPS7)

Terminal Caps: 2, (Part# MPC3)

2, (Part# MPC5)

Spacers: 2, 20mm Bottom (Part# MPBS7)

15mm Back (Part# MPBS4)



Battery Type: MBTX30UHD

Voltage: 12V C(10): 33Ah C(20): 35A

CCA: 450A MCA: 525A PHCA: 721A

Weight: 10kg / 22.04lbs

Dimensions (in / mm)

L: 6.54(166) W: 4.96(126) H: 6.89(175)

TH: 7.56(192)

Assembly Figure

Terminal Locations: 4



Terminals: 4, Fixed

Screws: 2, M6X12 (Part# MPS7)

Block Nut: 2, M6 (Part# MPN4)

Terminal Caps: 4, (Part# MPC4)

Spacers: 17mm Bottom (Part# MPBS9)



Battery Type: MBHD12H

Voltage: 12V C(10): 33Ah C(20): 35Ah

CCA: 420A MCA: 500A PHCA: 695A

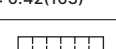
Weight: 10.5kg / 23.17lbs

Dimensions (in / mm)

L: 7.87(200) W: 5.12(130) H: 6.42(163)

Assembly Figure

Terminal Locations: 2



Terminals: 2, 14X2.5 (Threaded Flag)

Screws: 2, M6X7 (Part# MPS2)

Allen Wrench: 1, 4X4 (Part# MPAK2)

Terminal Caps: N/A

Spacer: N/A



MOTOBATT

12 models cover 116 popular applications,
80% of Powersport Sales.



MBTX20U/HD 34



MBTX12U/HD 13



MBTX9U 4



MBTZ7S 3



MBTZ10S 2



MBTX7U 2



MBTX30U/HD 20



MBTX14AU 20



MBYZ16H/D 9



MBTX4U 5



MBTZ14S 2



MBT12B4 2



Represents number of OE parts replaced by single Motobatt part.

AGM Quadflex Cross References

No. of parts replaced	MOTOBATT	Volt (V)	Ah (10-HR)	Ah (20-HR)	Weight (kg)	CCA -18°C	MCA	PHCA	L (mm)	W (mm)	H (mm)	Total H (mm)	Notes	Terminals	Replaces JIS	L (mm)	W (mm)	H (mm)	Ah (10-HR)	
8	*MBT6N4	6	4	4.2	0.73	-	-	-	71	71	96	96	-	2	6N42A	71	71	96	4	
															6N42A2					
															6N42A3					
															6N42A4					
															6N42A5					
															6N42A6					
															6N42A8					
6N4C1B	105																			
5	*MBT6N6	6	6	6.4	1.05	-	-	-	97	56	111	111	-	2	6N61B	99	57	111	6	
															6N63B					
															6N63B1					
															6N61D					
															6N61D2					
3	*MB2.5U	12	2.5	2.7	1.08	35	83	243	80	70	105	105	-	2	YB2.5-C	80	70	105	2.5	
															YB2.5-C-1					
															YB2.5-C-2					
2	*MB3U	12	3.8	4.0	1.34	50	105	266	98	56	110	110	-	2F	YB3L-A	98	56	110	3	
															YB3L-B					
2	*MBT4BB	12	2.5	2.7	0.97	40	94	254	113	38	87	87	-	2F	YT4BBS	114	39	86.5	2.3	
															GT4B-4					
1	MT4R	12	2.5	2.7	1.12	45	99	260	114	49	86	86	-	2F	YTR4ABS	114	49	86	2.3	
															YTX4LBS					
5	MBTX4U	12	4.7	5.0	1.57	70	126	290	114	70	87	87	-	2F	YT4LBS	114	71	86	3	
															YB4L4					
															YB4LB	120	70	92	4	
															YTZ5S					
															YB5LB					
2	*MB5U	12	7.0	7.4	2.30	90	147	350	120	60	130	130	-	4C	12N53B	120	60	130	5	
															12N5.5-3B					
2	*MB5.5U	12	7.0	7.4	2.48	90	147	350	135	60	130	130	-	4C	12N5.5-4A	135	60	130	5.5	
															YT7BBS					
2	*MB7U	12	7.0	7.4	2.25	100	158	324	150	65	93	93	-	2F	YT7B4	150	65	93	6.5	
															YTX5L-BS					
3	*MBTZ7S	12	6.5	6.9	2.10	100	158	324	114	70	107	107	-	2F	YTZ6S	114	70	105	5	
															YTZ7S					
															YTX7LBS					
2	*MBTX7U	12	8.0	8.5	2.60	130	190	360	114	70	128	128	-	2F	YTZ8V	114	71	131	6	
															YTX7ABS					
1	MBTX7ABS	12	7.0	7.4	2.45	105	163	330	149.2	83.6	94	94	-	2F	YTX7ABS	150	87	94	6	
1	*MB7BB	12	9.0	9.5	3.0	140	201	370	150	60	130	130	-	4C	YB7B-B	150	60	130	7	
1	MB7C-A	12	8.5	9.0	2.9	125	178	338	129.5	89.5	114	114	-	2F	YB7C-A	130	90	114	7	
2	*MBT9B4	12	9.0	9.5	2.82	140	201	370	150	70	104	104	-	2F	YT9BBS	150	70	105	8	
															CT9B4					
4	*MBTX9U	12	10.5	11.1	3.40	160	195	350	151	87	105	105	-	4F	YTR9BS	150	87	105	8	
															YTX9					
															YTX9BS					
															YT12ABS					
21	*MB9U	12	11.0	11.7	3.40	165	219	395	136	76	133	155	6 or 16 mm EVA spacer bottom included 136 mm 76 mm 6 mm 136 mm 76 mm 16 mm	4C	12N73A	135	75	133	7	
															12N73B			150		
															12N7D3B			7		
															12N74A					
															12N74B			133		
															YB7A			150	8	
															YB7AA					
															YB7LA					
															YB7LB			133		
															YB9A			139	9	
															YB9AA			155		
															YB9A2			139		
															YB9LA2					
															YB9B					
															YB9LB					
															YB9B2					
															YB9LB2					
															12N93A					
															12N93A1					
															12N93B					
															12N94B1				6	
YTX7ABS	150	87	94																	
YTZ10S			93	8.6																
11	MB10U	12	14.5	15.4	4.30	175	238	420	135	90	146	155	8 mm EVA spacer bottom included 131 mm 85 mm 8 mm	4C	12N103A	135	90	145	10	
															12N103A1					
															12N103A2			155	11	
															12N103B			145		
															YB10AA2					
															YB10LA2					
															YB10LB					
															YB10LB2					
															12N113A					
															12N113A1					
															12N113B					

AGM Quadflex Cross References

No. of parts replaced	MOTOBATT	Volt (V)	Ah (10-HR)	Ah (20-HR)	Weight (kg)	CCA -18°C	MCA	PHCA	L (mm)	W (mm)	H (mm)	Total H (mm)	Notes	Terminals	Replaces JIS	L (mm)	W (mm)	H (mm)	Ah (10-HR)				
13	MBTX12U	12	14.0	14.8	4.40	210	275	451	151	87	130	145	15mm EVA spacer bottom included 140mm 80mm 15mm	4F	YB12BB2	160	90	130	12				
															YTX12BS				10				
															YTX12								
															YTX14BS	150	87	145	12				
															YTX14H								
															YTX14L								
															YTX14H								
															YTX14HBS								
															YTX14LBS								
															KMX14BS								
															YTX15	175		130	13				
															YTX15L								
															YTX15L-BS								
9	*MB12U	12	14.0	14.8	4.40	170	233	405	134	80	161	175	14mm EVA spacer bottom included 129mm 75mm 14mm	4C	YB12AA	134	80	160	12				
															YB12AAS								
															YB12MWS								
															YB12ALA								
															YB12ALA2								
															YB12AB								
															YB12CA			175					
															12N124A			160					
															12N124A41								
															2	MBT12B4	12	12.0	12.7	3.68	165	228	415
YT12B4																							
2	MBT14B4	12	14.0	14.8	4.25	180	243	435	150	10	144	144	-	2F	YT14BBS	150	70	145	12				
															YT14B4								
2	MBTZ14S	12	11.5	12.2	3.54	170	233	405	151	87	110	110	-	4F	YTZ12S	150	87	110	11				
															YTZ14S				11.2				
20	MBTX14AU	12	16.5	17.5	5.40	250	319	498	135	90	168	176	8mm EVA spacer bottom included 131mm 85mm 8mm	4C	YTX14AH	134	89	166	12				
															YTX14AHL								
															YTX14AHBS								
															YTX14AHLBS								
															YB14A1								
															YB14A2								
															YB14M			176					
															YB14M1								
															YB14AA2								
															YB14B1			166	14				
															YB14B2								
															YB14LA1								
															YB14LA2								
															YB14LB1								
															YB14LB2								
															YB14LA2S								
															SYB14LA2								
															SYB14LB2								
															12N143A								
12N143B																							
9	MBYZ16H/HD	12	16.5	17.5	5.05	240	308	487	151	87	145	145	-	4F	GY216HL					150	87	146	12
															GY216H								
															YTX14								
															YTX14BS								
															YTX14H								
															YTX14HBS								
															YTX14L								
															YTX14LBS								
															KMX14BS								
															HYB16AA								
2	*MB16A	12	19.0	20.1	5.47	220	286	463	151	91	181	181	-	2C	HYB16A-AB	151	91	180	16				
7	MBTX16U	12	19.0	20.1	5.65	245	314	488	151	87	161	161	-	4F	YTX16	150	87	161	14				
															YTX16BS								
															YTX16H-BS								
															YTX20A-BS				17				
															YTX20CH					18			
3	*MB16U	12	20.0	21.2	5.90	235	301	477	160	90	161	161	-	4C	YTX20CHBS	160	90	161	16				
															YB16BA								
															YB16BA2								
1	*MBT16AU	12	20.5	21.7	6.25	250	319	498	207	72	164	164	-	2F	YB16ALA2	207	71.5	164	16				
4	*MB18U	12	22.5	23.9	6.80	280	351	533	180	90	162	162	-	4C	51815	180	90	162	18				
															YB18A								
															YB18LA								
															YB18LA2								
3	MB51814	12	20.0	21.2	6.60	235	302	480	183	80	170	170	-	4C	51814	186	82	171	19				
															51913								
															YT19BL-BS					185	81	170	17.7

AGM Quadflex Cross References

No. of parts replaced	MOTOBATT	Volt (V)	Ah (10-HR)	Ah (20-HR)	Weight (kg)	CCA -18°C	MCA	PHCA	L (mm)	W (mm)	H (mm)	Total H (mm)	Notes	Terminals	Replaces JIS	L (mm)	W (mm)	H (mm)	Ah (10-HR)		
34	MBTX20U/HD	12	22.5	23.8	6.50	335	400	650	175	87	154	175	20 and 15 mm EVA bottom spacer included 170mm 80mm 20mm 170mm 80mm 15mm	4F	12N163A	176	101	156	16		
															12N163B	175	100	155			
															12N164A	176	101	156			
															YTX20	87	155	175	155	19	
															YTX20L						
															YTX20BS						
															YTX20HBS						
															YTX20LBS						
															YTX20HLBS						
															YIX20HLBSPW						175
															YTX20H						
															YTX20HL						
															YTX20HL-PW	175	100	155	19		
															YB16A						
															YB16A2						
															YB16B						
															YB16B2						
															YB16HLACX						
															SYB16LB						
															YB16LA						
															YB16LA2						
															YB16LB	100	175	155	19		
															YB16LB2						
															YB16CB						
															YB16CLB						
															YB16BCX						
															GT16L-BS						
															GT16-B-S						
															CTX19L-BS						
															CTX19-B-S						
															GYZ20H	176	101	156	20		
															GYZ20L	175		157			
															GYZ20HL			155			
															16		MBTX24U	12	25.0	26.5	7.45
12N183A	205	90	21																		
CTX18-BS		206	91	176	20																
CTX18L-BS																					
GTX18L-BS																					
Y50N18M	205	90	162	21																	
Y50N18LA																					
Y50N18LA2																					
Y50N18LA3																					
YSON18LACX																					
SY50N18LA																					
SY50N18LAT																					
YTX24																					
YTX24HLBS					87	175	24														
YTX24H-BS																					
YTX24HL																					
Y60N24A	184	124	175	28																	
Y60N24ALB																					
Y60N24LA																					
Y60N24LA2																					
12N243																					
12N243A																					
12N24 4																					
12N244A																					
YIX30					166	1126	192	30													
YIX30L																					
YIX30-PW																					
YIX30-BS																					
YIX30L-BS-PW																					
YIX30LB																					
YIX30CLB																					
Y60N30LA																					
Y60N30LB																					
GYZ32HL	166	126	175	32																	
52515	186	130	171	25																	
53030	206	133	165	30																	
1	MBHD12H	12	33.0	35.0	10.50	420	500	695	200	130	163	163	-	2F	YHD-12H	196	130	180	28		
															U1-7	195	131	181	24		
															U1-9						
4	MBU1R-35	12	35.0	37.1	10.50	420	523	710	195	130	156	179	-	2F	U1-32	195	130	180	32		
															U1L-11	196	130	180	24		
															U1-R7						
4	MBU1R-35	12	35.0	37.1	10.50	420	523	710	195	130	156	179	-	2F	U1-R9	195	131	181	28		
															U1R-11	196	130	180	28		
															U1-R32	196	130	180	32		

AGM Quadflex Cross References

No. of parts replaced	MOTOBATT	Volt (V)	Ah (10-HR)	Ah (20-HR)	Weight (kg)	CCA -18°C	MCA	PHCA	L (mm)	W (mm)	H (mm)	Total H (mm)	Notes	Terminals	Replaces JIS	L (mm)	W (mm)	H (mm)	Ah (10-HR)
8	MBTZ26RHD	12	50.0	54.0	15.4	585	680	1200	195.5	166	178	194	-	4F	4018264				Polaris
															4018264-P				
															4014043				
															4014132				
															4012132-P				
															4015591				
															26PRMJ				
															526MF BCI Group 26				
															26012-7501				Kawasaki
															26012-0619				
															YBX9140R				Yuasa

Metric Conversion Chart

1 inch = 25.4 millimeters	1 millimeters = 0.04 inch
1 ounce = 0.03 liters	1 liters = 33.8 ounce
1 pound = 0.45 kilograms	1 kilograms = 2.2 pound

Part numbers replaced by single Motobatt part

Available in AGM design ONLY from MOTOBATT replacing 85 conventional SKU's for following part numbers:

MBT6N4, MBT6N6, MB2.5U, MB3U, MB5U, MB5.5U, MB7BB, MB9U, MB10U, MB12U, MB16U, MB16A, MB16AU, MB18U

CCA (Cold Cranking Amps) is the number of amps a battery can deliver in 30 seconds while maintaining the voltage at 7.2V at temperature of -18°C/0 F degree.

MCA/CA (Marine Cranking Amps)/CA is the number of amps a battery can deliver in 30 seconds while maintaining the voltage at 7.2V at temperature of 0°C/32 F degree.

PHCA (Pulse Cranking Amps) is the number of amps a battery can deliver in 5 seconds while maintaining the voltage at 7.2V at temperature of 27°C/80 F degree.



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From JIS to AGM Quadflex Cross References

Reference Conventional	Ah (10-HR)	W (mm)	H (mm)	L (mm)	<i>MOTOBATT</i>	Ah (10-HR)	L (mm)	W (mm)	H (mm)	Notes
6N42A	4	71	71	96	MBT6N4	4	71	71	96	-
6N42A2										
6N42A3										
6N42A4										
6N42A5										
6N42A6										
6N42A8										
6N4C1B				105					105	
6N61B	6	99	57	111	MBT6N6	6	97	56	111	-
6N63B										
6N63B1										
6N61D										
6N61D2										
12N5-3B	5	120	60	130	MB5U	7	120	60	130	-
12N5-4B										
12N5.5-3B	5.5	135	60	130	MB5.5U	7	135	60	130	-
12N5.5-4A										
12N7-3A	7	135	75	133	MB9U	11	136	76	133	-
12N7-3B										
12N7-4A										
12N7-4B										
12N7D-3B				With 20mm spacer						
12N9-3A	9	139	139	139	With 6mm spacer					
12N9-3A-1										
12N9-3B										
12N9-4B-1										
12N10-3A	10	135	90	145	MB10U	14.5	135	90	146	-
12N10-3A-1										
12N10-3A-2										
12N10-3B										
12N11-3A	11	155	155	With 9mm spacer						
12N11-3A-1										
12N11-3B										
12N12-4A	12	134	80	160	MB12U	15	134	80	161	-
12N12A-4A-1										
12N14-3A	14	134	89	166	MBTX14AU	16.5	135	90	168	-
12N14-3B										
12N16-3A	16	176	101	156	MBTX20U(HD)	21	175	87	155	-
12N16-3B		175	100	155						
12N16-4A		176	101	156						
12N16-4B										
12N18-3	18	206	91	164	-					
12N18-3A						162	-			
Y50-N18A-A	20	205	90	162	MBTX24U	25	205	87	176	With 14mm spacer
Y50-N18L-A									162	-
Y50-N18L-A2										
Y50-N18L-A3										
SY50N18LA										
SY50-N18L-AT										
Y50-N18L-A-CX										
12N24-3	24	184	124	175	MBTX30U(HD)	32	166	126	175	-
12N24-4										
12N24-3A										
12N24-4A										
Y60-N24-A	28	187	130	170	-					
Y60-N24L-A										
Y60-N24L-A2										
Y60-N24AL-B										
Y60-N30L-A	30	187	130	170	-					
Y60-N30L-B										

From JIS to AGM Quadflex Cross References

Reference Conventional	Ah (10-HR)	W (mm)	H (mm)	L (mm)	<i>MOTOBATT</i>	Ah (10-HR)	L (mm)	W (mm)	H (mm)	Notes		
YB2.5-C	2.5	80	70	105	MB2.5U	2.5	80	70	105	-		
YB2.5-C-1												
YB2.5-C-2												
YB3LA	3	98	56	110	MB3U	3.8	98	56	110	-		
YB3LB												
YB4L-A	4	120	70	92	MBTX4U	4.7	114	70	97	-		
YB4L-B												
YB5L-B	5	120	60	130	MB5U	7	120	60	130	-		
YB7B-B	7	150	60	130	MB7BB	9	150	60	130	-		
YB7C-A	7	130	90	114	MB7C-A	9	129	89	114	-		
YB7-A	8	135	75	133	MB9U	11	136	76	133	With 16mm spacer		
YB7AA				150						-		
YB7L-A				133								
YB7L-B				139							With 6mm spacer	
YB9A	9			155					With 22mm spacer			
YB9A-A				139					133	With 6mm spacer		
YB9A2												
YB9-B												
YB9B2												
YB9L-A2												
YB9L-B2												
YB9L-B				139								
YB10A-A2	155			With 8mm spacer								
YB10L-A2	11			135	90	145	MB10U	14.5	135	90	146	-
YB10L-B												
YB10L-B2												
YB12A-A	12	134	80	160	MB12U	15	134	80	161	-		
YB12AAS												
YB12A-A-WS												
YB12A-B												
YB12AL-A												
YB12AL-A2	12	160	90	130	MBTX12U	14	151	87	130	-		
YB12C-A	12	134	80	175	MB12U	15	134	80	175	With 14mm spacer		
YB14-A1	14	134	89	166	MBTX14AU	16.5	135	90	168	-		
YB14-A2												
YB14AA									176	With 8mm spacer		
YB14A-A1												
YB14A-A2												
YB14-B1												
YB14-B2				166					168	-		
YB14L-A1												
YB14L-A2												
YB14L-A2-WS												
YB14L-B1												
YB14L-B2												
SYB14L-A2												
SYB14L-B2												
YB16A	19	175	100	155	MBTX20U(HD)	21	175	87	155	-		
YB16A2												
YB16AL-A2	16	207	71.5	164	MB16AU	20.5	207	72	164	-		
HYB16AA	16	151	91	181	MB16A	17.5	151	91	181	-		
HYB16A-AB												
YB16B-A	16	160	90	161	MB16U	20	160	90	161	-		
YB16B-A1												
YB16B-A2												
YB16L-A	19	175	100	155	MBTX20U(HD)	21	175	87	155	-		
YB16L-A2												
YB16-B												
YB16-B2												
YB16LB2												
SYB16L-B												
YB16-B-CX									175	With 20mm spacer		
YB16C-B												
YB16CL-B												
YB16HL-A-CX									155	-		
YB16L-B												
YB18-A	18	180	90	162	MB18U	22.5	180	90	162	-		
YB18L-A												
YB18L-A2												
YB30L-B	30	168	132	176	MBTX30U(HD)	32	166	126	175	-		
YB30CL-B				192.2					192	With 17mm spacer		
YIX30		166	126	175					-			
YIX30L												
YIX30L-BS												
YIX30L-PW												
YIX30L-RS-PW				192						192	With 17mm spacer	

From JIS to AGM Quadflex Cross References

Reference Conventional	Ah (10-HR)	W (mm)	H (mm)	L (mm)	MOTOBATT	Ah (10-HR)	L (mm)	W (mm)	H (mm)	Notes										
YHD-12H	28	206	133	165	MBHD12H	33	200	130	163	-										
YT4B-BS	2.3	114	39	86.5	MBT4BB	2.5	113	38	87	-										
YTR4A-BS	2.3	114	49	86	MT4R	2.5	114	49	86	-										
YT4L-BS	3	114	71	86	MBTX4U	4.7	114	70	87	-										
YTX4L-BS																				
YTX5L-BS	4	114	71	106	MBTZ7S	6.5	114	70	107	-										
YT7B-BS	6.5	150	65	93	MB7U	6.5	151	65	94	-										
YTX7A-BS	6	150	87	94	MBTX7ABS-MBTZ10S	8.6	151	87	95	-										
YTX7L-BS	6	114	71	131	MBTX7U	8	114	70	128	-										
YTR9-BS	8	150	87	105	MBTX9U	10.5	151	87	105	-										
YTX9																				
YTX9-BS																				
YT9B-BS	8	150	70	105	MBT9B4	9	150	70	105	-										
YT12A-BS	9.5	150	87	105	MBTX9U	10.5	151	87	105	-										
YT12B-BS	10	150	69	130	MBT12B4	11	150	70	130	-										
YTX12	10	150	87	130	MBTX12U	14	151	87	130	-										
YTX12-BS																				
YT14B-BS	12	150	70	145	MBT14B4	13	150	70	145	-										
YTX14AH	12	134	89	166	MBTX14AU	16.5	135	90	168	-										
YTX14AHBS																				
YTX14AHL																				
YTX14AHLBS																				
KMX14-BS	12	150	87	145	MBTX12U-MBVZ16H(D)	14	151	87	145	MB1X12U with 15mm spacer										
YTX14																				
YTX14-BS																				
YTX14H																				
YTX14H-BS																				
YTX14L																				
YTX14L-BS																				
GYZ16H	16	150	87	145	MBVZ16H(D)	16.5	151	87	145	-										
Note - The Motobatt MBYZ16H is an optional increased performance upgrade for the YTX14, YTX14-BS, YTX14H, YTX14H-BS, YTX14L, YTX14L-BS and KMX14-BS.																				
YTX15	13	175	87	130	MBTX12U	14	151	87	130	-										
YTX15L																				
YTX15L-BS																				
YTX16	14	150	87	161	MBTX16U	19	151	87	161	-										
YTX16-BS																				
YTX16-BS-1																				
YTX16H-BS	17.7	185	81	170	MB51814	22	186	82	171	-										
YT19BL-BS																				
YTX20CH																				
YTX20CH-BS	18	150	87	161	MBTX16U	19	151	87	161	-										
YTX20A-BS	17																			
YTX20H	19																			
YTX20H-BS	18	175	87	155	MBTX20U(HD)	21	175	87	155	-										
YTX20HL	19																			
YTX20HL-BS	18																			
YTX20HL-PW	19			175						With 20mm spacer										
YTX20HL-BS-PW	18			155						-										
YTX20																				
YTX20-BS																				
YTX20L																				
YTX20L-BS	20	166	126	175	MBTX30U(HD)	32	166	126	175	-										
GYZ20L																				
GYZ20H																				
GYZ20HL	21	205	87	162	MBTX24U	25	205	87	162	-										
YTX24											20									
YTX24H-BS											21									
YTX24HL																				
YTX24HL-BS	32	166	126	175	MBTX30U(HD)	32	166	126	175	-										
GYZ32HL																				
CT9B4	9	150	70	104	MBT9B4	9	150	70	104	-										
CTX18-BS	21	205	90	164	MBTX24U	25	205	87	162	-										
CTX18L-BS																				
CTX19-BS																				
CTX19L-BS	19	175	101	157	MBTX20U(HD)	21	175	100	155	-										
GT16-BS		176		156																
GT16L-BS																				

From JIS to AGM Quadflex Cross References

Reference Conventional	Ah (10-HR)	W (mm)	H (mm)	L (mm)	<i>MOTOBATT</i>	Ah (10-HR)	L (mm)	W (mm)	H (mm)	Notes
GTx18L-BS	20	206	91	164	MBTX24U	25	205	87	162	-
GT4B-4	2.3	114	39	86.5	MBT4BB	3	113	38	87	-
YT7B-4	6.5	150	65	93	MB7U	6.5	151	65	94	-
YT12B-4	10	150	69	130	MBT12B4	11	150	70	130	-
YT14B-4	12	150	70	145	MBT14B4	13	150	70	145	-
YTZ5S	3.5	113	70	86	MBTX4U	4.7	114	70	87	-
YTZ6S	5	114	70	107	MBTZ7S	6.5	114	70	107	-
YTZ7S	6									
YTZ8V	7	113	70	130	MBTX7U	8	114	70	128	-
YTZ10S	8.6	150	87	93	MBTZ10S	8.6	151	87	95	-
YTZ12S	11	150	87	110	MBTZ14S	11.2	151	87	110	-
YTZ14S	11.2									
51814	19(17.7)	186	82	171	MB51814	22	186	82	171	-
51913										
51815	18(16.7)	180	90	162	MB18U	22.5	180	90	162	-
Note - Above DIN types AH measured at 20HR rate. Estimated 10HR rate is shown in (parentheses)										
52515	25	186	130	171	MBTX30U(HD)	32	166	126	175	MB-20mm L, -4mm W, +4mm H
53030	20									
U1-7	18	196	130	180	MBU135	35	195	131	181	-
U1-9	24									
U1-32	32		131	181						
U1L-11	28									
U1-R7	18	196	130	180	MBU1R-35	35	195	131	181	-
U1-R9	24									
U1R-11	28	195	131	181						
U1-R21	32	196	130	180						
4018264	Polaris				MBTZ26RHD	50	195.5	166	178	-
4018264-P										
4014043										
4014132										
4014132-P										
4015591										
26PRMJ										
526MF BCI Group 26										
Kawasaki										
26012-7501	Yuasa									
26012-0619										
YBX9140R										

Find the perfect
AGM Quadflex battery
for your vehicle



MOTOBATT

GEL Technology



Development and Evolution

In 2014, **Motobatt** was recognized worldwide as a **premium battery brand** for high-cc motorcycles. In 2016, after years of research and development, Motobatt **launched the innovative Nano Gel technology** to the market, in order to reach a larger audience in the medium and low-cc motorcycle segment. Basically, these batteries have an additive in the electrolyte that transforms the liquid acid into a solid state, a gel-type substance that provides **unique benefits and characteristics**.



100% True Nano Gel
Excellent Quality



100% New ABS
Plastic material not recycled,
high performance.



99,99% Pure Lead
For maximum **conductivity**
and **efficiency.**



Smooth Welding Technology
Solderless system **prevents short circuits**, lowers self
discharge, and **extends lifespan.**



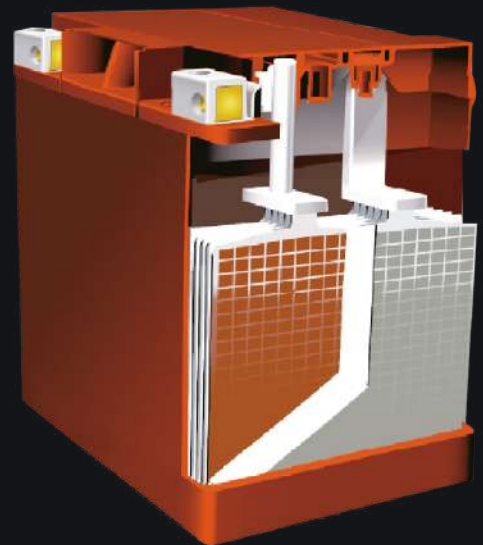
Covered Copper Terminals in Silver
With **up to 50% better driving of energy**,
avoiding sulfating.

100% Real Gel

This innovation was well received by the market, and Motobatt Nano Gel batteries quickly became a preferred option for users of medium and low-displacement motorcycles.



MOTOBATT



TRADITIONAL

GEL Benefits

Motobatt Nano Gel batteries offer a number of advantages over traditional batteries.

- ✓ **20% More power**
Improved performance due to its Nano Gel technology.
- ✓ **Ready to go**
Factory-ready and activated batteries for easy installation in motorcycles.
- ✓ **50% Longer lifespan**
Compared to conventional batteries because the acids are contained inside by the gel layer.
- ✓ **High resistant**
Due to its SW system and virgin plastic (ABS), it is more resistant to vibrations and thanks to its high quality GEL, it is more resistant to high temperatures.

GEL Technical Specifications



MT2.5L

Specifications

Voltage: 12V CCA(-18): 25

Capacity (10h): 2.5Ah

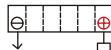
Capacity (20h): 2.7Ah

Dimensions (mm)

L: 81 W: 77 H: 102

Replaces YUASA

YB2.5L-B



MTX3L

Specifications

Voltage: 12V CCA(-18): 35

Capacity (10h): 3Ah

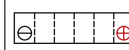
Capacity (20h): 3.2Ah

Dimensions (mm)

L: 98 W: 56 H: 109

Replaces YUASA

YB3L-A, YB3L-B



MTZ5S

Specifications

Voltage: 12V CCA(-18): 65

Capacity (10h): 4.2Ah

Capacity (20h): 4.5Ah

Dimensions (mm)

L: 113 W: 70 H: 85

Replaces YUASA

YTX4L-BS, YB4L-A, YB4L-B, YT4L-BS, YTZ4V, YTZ5S



MTX5AL

Specifications

Voltage: 12V CCA(-18): 85

Capacity (10h): 5Ah

Capacity (20h): 5.3Ah

Dimensions (mm)

L: 118 W: 59 H: 128

Replaces YUASA

YB5L-B, 12N5-3B



MTX6.5L

Specifications

Voltage: 12V CCA(-18): 90

Capacity (10h): 6.5Ah

Capacity (20h): 6.9Ah

Dimensions (mm)

L: 138 W: 66 H: 102

Replaces YUASA

YB6L-B



MTX5L

Specifications

Voltage: 12V CCA(-18): 85

Capacity (10h): 5Ah

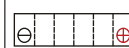
Capacity (20h): 5.3Ah

Dimensions (mm)

L: 113 W: 70 H: 106

Replaces YUASA

YTZ6V, YTX5L-BS



MTZ6S

Specifications

Voltage: 12V CCA(-18): 70

Capacity (10h): 6Ah

Capacity (20h): 6.3Ah

Dimensions (mm)

L: 113 W: 70 H: 106

Replaces YUASA

YTZ6V, YTX5L-BS



MTZ7S

Specifications

Voltage: 12V CCA(-18): 95

Capacity (10h): 6.5Ah

Capacity (20h): 6.9Ah

Dimensions (mm)

L: 113 W: 70 H: 107

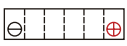
Replaces YUASA

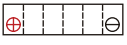
YTZ7S

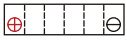


GEL Technical Specifications

  6 947312 408978	MTZ7V
	Specifications
	Voltage: 12V CCA(-18): 110
	Capacity (10h): 7Ah
	Capacity (20h): 7.4Ah
	Dimensions (mm)
	L: 113 W: 70 H: 120
	Replaces YUASA
	YTZ7V
	

  6 947312 408985	MTX7L
	Specifications
	Voltage: 12V CCA(-18): 120
	Capacity (10h): 7Ah
	Capacity (20h): 7.4Ah
	Dimensions (mm)
	L: 113 W: 70 H: 130
	Replaces YUASA
	YTX7L-BS, YTX8V
	

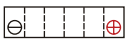
  6 947312 408992	MTX7A
	Specifications
	Voltage: 12V CCA(-18): 105
	Capacity (10h): 7Ah
	Capacity (20h): 7.4Ah
	Dimensions (mm)
	L: 149.2 W: 83.6 H: 94
	Replaces YUASA
	YTX7A-BS
	

  6 947312 409005	MTX7B
	Specifications
	Voltage: 12V CCA(-18): 100
	Capacity (10h): 7Ah
	Capacity (20h): 7.4Ah
	Dimensions (mm)
	L: 150 W: 65 H: 94
	Replaces YUASA
	YT7BBS
	

  6 947312 409012	MTX7D
	Specifications
	Voltage: 12V CCA(-18): 100
	Capacity (10h): 7Ah
	Capacity (20h): 7.4Ah
	Dimensions (mm)
	L: 147 W: 60 H: 128
	Replaces YUASA
	12N7A-4A, YB7B-B
	

  6 947312 409029	MTX7DL
	Specifications
	Voltage: 12V CCA(-18): 100
	Capacity (10h): 7Ah
	Capacity (20h): 7.4Ah
	Dimensions (mm)
	L: 147 W: 60 H: 128
	Replaces YUASA
	12N7B-3A
	

  6 947312 409036	MTX7C
	Specifications
	Voltage: 12V CCA(-18): 95
	Capacity (10h): 7Ah
	Capacity (20h): 7.4Ah
	Dimensions (mm)
	L: 135 W: 76 H: 122
	Replaces YUASA
	12N7-4A, 12N7-4B, YB7-A
	

  6 947312 409043	MTX7CL
	Specifications
	Voltage: 12V CCA(-18): 95
	Capacity (10h): 7Ah
	Capacity (20h): 7.4Ah
	Dimensions (mm)
	L: 135 W: 76 H: 122
	Replaces YUASA
	12N7-3B, YB7L-B, YB7L-B2
	

GEL Technical Specifications

  6 947312 409050	MTX9
	Specifications
	Voltage: 12V CCA(-18): 120
	Capacity (10h): 9Ah
	Capacity (20h): 9.5Ah
	Dimensions (mm)
	L: 137 W: 76 H: 127
	Replaces YUASA
	YB7-A, YB9A-A, YB9-B, 12N7-4A, 12N7-4B, 12N9-4B-1
	⊕ ⊖

  6 947312 409425	MTX9L
	Specifications
	Voltage: 12V CCA(-18): 120
	Capacity (10h): 9Ah
	Capacity (20h): 9.5Ah
	Dimensions (mm)
	L: 137 W: 76 H: 127
	Replaces YUASA
	YTX9-BS
	⊖ ⊕

  6 947312 409067	MTX9A
	Specifications
	Voltage: 12V CCA(-18): 135
	Capacity (10h): 9Ah
	Capacity (20h): 9.5Ah
	Dimensions (mm)
	L: 149.2 W: 83.6 H: 104
	Replaces YUASA
	YTX9-BS
	⊕ ⊖



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GEL Cross References

No. of parts replaced	<i>MOTOBATT</i>	Volt (V)	Ah (10-HR)	Ah (20-HR)	CCA -18°C	Weight (kg)	Length (mm)	Width (mm)	Height (mm)	Terminals	Replaces JIS	<i>MOTOBATT</i>
1	MT2.5L	12	2.5	2.7	25	1.06	81	77	102	2	YB2.5L-C	MB2.5U
2	MTX3L	12	3	3.2	35	1.17	98	56	109	2	YB3L-A	MB3U
											YB3L-B	
6	MTZ5S	12	4	4.5	65	1.42	113	70	85	2	YTX4L-BS	MBTX4U
											YB4L-A	
											YB4L-B	
											YT4L-BS	
											YTZ4V	
											YTZ5S	
2	MTX5AL	12	5	5.3	80	1.95	118	59	128	2	YB5L-B YTZ7S	MB5U
											12N5-3B	
1	MTX6.5L	12	6.5	6.9	90	2.15	138	66	102	2	YB6L-B	-
2	MTX5L	12	5	5.3	85	1.86	113	70	106	2	YTZ6V	MBTZ7S
1	MTZ6S	12	6	6.4	85	1.88	113	70	106	2	YTX5L-BS	MBTZ7S
1	MTZ7S	12	6.5	6.9	95	2.05	113	70	106	2	YTZ7S	MBTZ7S
1	MTZ7V	12	7	7.4	110	2.32	113	70	120	2	YTZ7V	-
2	MTX7L	12	7	7.4	120	2.4	113	70	130	2	YTX7L-BS	MBTX7U
											YTZ8V	
1	MTX7A	12	7	7.4	105	2.53	149	83.6	94	2	YTX7A-BS	MBTX7ABS MBTZIOS
1	MTX7B	12	7	7.4	100	2.10	150	65	94	2	YT7BBS	MB7U
2	MTX7D	12	7	7	100	2.40	147	60	128	2	12N7A-4A	MB7BB
											YB7B-B	
1	MTX7DL	12	7	7.4	100	2.40	147	60	128	2	12N7B-3A	MB7BB
3	MTX7C	12	7	7	95	2.50	135	76	122	2	12N7-4A	MB9U
											12N7-4B	
											YB7-A	
3	MTX7CL	12	7	7	95	2.50	135	76	122	2	12N7-3B	MB9U
											YB7L-B	
											YB7L-B2	
6	MTX9	12	9	10	120	2.95	135	76	127	2	YB7-A	MB9U
											YB9A-A	
											YB9-B	
											12N7-4A	
											12N7-4B	
											12N9-4B-1	
6	MTX9L	12	9	10	120	2.95	137	76	127	2	YB7L-B	MB9U
											YB7L-B2	
											12N7-3B	
											YB9L-B	
											12N9-3B	
											12N9-3A	
1	MTX9A	12	9	9.5	135	2.95	149.2	83,6	104	2	YTX9-BS	MBTX9U

MOTOBATT

Pro LITHIUM



Development and evolution

As the market for **motorcycles** evolves and riders demand more from their batteries, **Motobatt has never been one to rest on its laurels**. In 2015, we introduced our **Pro Lithium** battery line, which features unique characteristics that set it apart from other lithium batteries on the market. Our Quadflex technology (with 4 terminals) **allows us to replace over 80 references from the original market with just 16 references**, making it easier for riders to find **the right battery for their motorcycle**.

In addition to our innovative Quadflex technology, **our Pro Lithium batteries also feature a number of other advantages.**



Technological



Resistant



Performance



Duration



Power



Light Weight



Safe

PRO Lithium Benefits

✓ Security

The **safest** on the market

✓ Light weight

They are up to **5 times lighter** compared to conventional.

✓ Powerful

Guarantees the **highest cold starting power** (CCA).

✓ Longevity

Last up to **5+ years**, or **2000 +** cycles complete.

✓ FIT&GO

Ready to install and use, without wasting time.

✓ Maintenance

It does not need any type of maintenance, they can last up to 1 year before having to recharge them, thanks to its **low discharge power**.

✓ Recharge

The recharge is very fast. **In just 6 minutes it recharges more than 90% than any other type of battery.** The discharge is also very slow.

✓ Terminals

Its four terminals guarantee **the best versatility from the market.**

MOTOBATT

ProLithium

P-SERIES



MOTOBATT

ProLithium

HP-SERIES



*Recommended for professional use, especially for racing and off - road.

PRO LITHIUM (P-Series)

Performance, with Cell Balancing Circuit (CBC)

Motobatt's P-Series batteries incorporate a Cell Balancing Circuit (CBC) that optimizes the voltage of each cell, ensuring maximum power output. This CBC is not found in many lithium batteries on the market, and it **enhances performance, safety, and reliability**.

Each Motobatt Pro Lithium P-Series battery is **equipped with a CBC circuit that effectively manages** cell charging and discharging, particularly during vehicle operation. This CBC circuit is **integrated into the battery**, so you don't need to purchase a costly specialized charger like you would with other brands. This makes Motobatt batteries **more convenient and cost-effective**.



Key benefits of the Motobatt P-Series CBC:

✓ Optimized voltage

The CBC ensures that each cell in the battery is **charged to the same voltage**, which prevents overcharging and undercharging. **This results in maximum power output and longer battery life.**

✓ Enhanced performance

The CBC **helps to prevent voltage spikes and drops**, which can damage the battery and lead to premature failure. This results in better performance, especially in cold weather and under heavy load.

✓ Improved safety

The CBC **helps to prevent thermal runaway**, which is a potentially dangerous condition that can occur in lithium batteries. This makes **Motobatt batteries safer to use.**

✓ Greater reliability

The CBC **helps to extend the lifespan of the battery** and prevent premature failure. This means you can count on your Motobatt battery to perform reliably for years to come.

CBC



CELL BALANCING CIRCUIT
Ensures better performance

P-Series

CBC Cell Balancing Circuit.

Each Cell is monitor and balance to reach **3.65V per cell to give optimum condition** of the battery for maximum output and longer life cycle of the battery. If there is not CBC means there is possibility that 1 particular weaker cell that is performing and working extra difficulty to give overall power of **the battery that will affect the output and has shorten the battery life cycle.**

INSTANTANEOUS CURRENT: 100A	
Model	MPLXKTM16-P, MPLXHL-P, MLX4U-P
BMS Model:	
100A-M	

Charging Protection will start protecting once if there a individual cell above 3.9V and after 1 second delay, **the protection circuit will start protect the battery** from OVER CHARGING. Once the battery cell drop to 3.8V or below, then the protection circuit will automatically off and battery start functioning again as usual.

P-Series has TEMPERATURE protection once the battery hotter than 85°C above.

PRO Lithium P-Series Technical Specifications



MPLXKTM16-P

Specifications

Voltage: 12V CA: 160

Capacity (10h): 2.2Ah

Weight: 0.50Kg

Dimensions (mm)

L: 92 W: 53 H: 90

Exclusive model for

KTM/HUSQVARNA



6 947312 406202



MPLXHK-P

Specifications

Voltage: 12V CA: 200

Capacity (10h): 2.5Ah

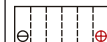
Weight: 0.70Kg

Dimensions (mm)

L: 107 W: 49 H: 85

EVA Foam:

1,80X64X65mm



6 947312 408398



MLX4U-P

Specifications

Voltage: 12V CA: 200

Capacity (10h): 2.5Ah

Weight: 0.27Kg | Terminal: Fixed Terminal | Screw: MPS3

Dimensions (mm)

L: 114 W: 70 H: 87

EVA Foam:

1,110×67×20mm



6 947312 409852

MOTOBATT

Pro Lithium

P-SERIES



*Recommended for professional use, especially for racing and off - road.

PRO LITHIUM (HP-Series)

High performance, with Cell Balancing Circuit (CBC) and Circuit Protection (PCB)

In addition to the **Motobatt PRO Lithium P-Series**, the Motobatt High Performance series also has several built-in **safety features to protect the battery and the rider**. These features include:

- ✓ **Overcharge protection**
This feature prevents the battery from being **overcharged**, which can damage the battery and lead to **premature failure**. If the voltage of the battery exceeds **15.4 V**, the battery will cease to function.
- ✓ **Discharge protection**
This feature **prevents the battery from being discharged too deeply**, which can also damage the battery. If the voltage of the battery reaches 8 V, the battery will cease to function. To resume using it, **simply recharge the battery**.
- ✓ **Temperature protection**
This feature **prevents the battery from overheating**, which can also damage the battery. If the temperature of the battery reaches 55°C during charging or 75°C during discharging, **the battery will cease to function**.



CBC + PCB



CELL BALANCING CIRCUIT AND CIRCUIT PROTECTION

Guarantees better performance, higher security.

HP-Series

CBC Cell Balancing Circuit

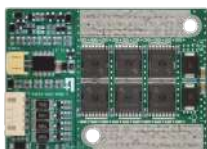
Each **Cell** is **monitor and balance to reach 3.65V** per cell to give optimum condition of the battery for maximum output and longer life cycle of the battery. If there is not CBC means there is possibility that 1 particular weaker cell that is performing and working extra difficulty to give overall power of the battery that will affect the output and has shorten the battery life cycle.

Charging Protection will start protecting once if there a individual cell above 3.9V and after 1 second delay, **the protection circuit will start protect the battery** from OVER CHARGING. Once the battery cell drop to 3.8V or below, then **the protection circuit will automatically off** and battery start functioning again as usual. It also have DISCHARGING Protection. If any cell drop to 2V and below and after 7 seconds delay, **the DISCHARGING protection will start protect the battery too much discharged**. And once the battery cell above 2.3V, protection will off and battery work as usual. HP series has **TEMPERATURE Protection once the battery hotter than 85°C** above.



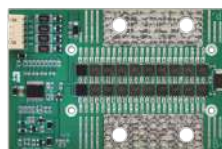
INSTANTANEOUS CURRENT: 150A

Model
MLX4U-HP
BMS Model:
150A-M



INSTANTANEOUS CURRENT: 200A

Model
MLX4U MAX HP, ML7U-HP, MLX7U-HP
BMS Model:
200A-M



INSTANTANEOUS CURRENT: 400A

Model
MLT210S-HP, ML14B4-HP, MLT214S-HP
BMS Model:
400A-M



INSTANTANEOUS CURRENT: 600A

Model
ML51814-HP, MLX16UHD-HP, MLX20UHD-HP
BMS Model:
100A-M



INSTANTANEOUS CURRENT: 800A

Model
MLX30UHD-HP
BMS Model:
800A-M

PRO Lithium HP-Series Technical Specifications



6 947312 409869

MLX4U-HP

Specifications

Voltage: 12V CA: 160

Capacity (10h): 2.5Ah

Weight: 0.27Kg

Terminals: Fixed Terminal

Screws: MPS3

Dimensions (mm)

L: 114 W: 70 H: 87 TH: 107

1 pc EVA Spacer size 110x67x20mm



6 947312 412616

MLX4L-HPL

Specifications

Voltage: 12V CA: 320

Capacity (20h): 4Ah

Weight: 0.64Kg

Cell ratio: 40C

Terminals: 2F

Dimensions (mm)

L: 114 W: 70 H: 81,8



6 947312 409876

MLX4U Max-HP

Specifications

Voltage: 12V CA: 320

Capacity (10h): 4Ah

Weight: 0.51Kg

Terminals: Fixed Terminal

Screws: MPS3

Dimensions (mm)

L: 114 W: 70 H: 87 TH: 127

2 pcs EVA Spacer size 110x67x20mm



6 947312 412623

MLX4LR-HPL

Specifications

Voltage: 12V CA: 320

Capacity (20h): 4Ah

Weight: 0.64Kg

Cell ratio: 40C

Terminals: 2F

Dimensions (mm)

L: 114 W: 70 H: 81,8



6 947312 409883

MLX7U-HP

Specifications

Voltage: 12V CA: 350

Capacity (10h): 5Ah

Weight: 0.715Kg

Terminals: Fixed Terminal

Screws: MPS3

Dimensions (mm)

L: 114 W: 70 H: 107 TH: 127

1 pc EVA Spacer size 110x67x20mm



6 947312 410247

ML7U-HP

Specifications

Voltage: 12V CA: 320

Capacity (10h): 4Ah

Terminals: Fixed Terminal

Screws: MPS3

Dimensions (mm)

L: 151 W: 65 H: 95 TH: 95



6 947312 410254

MLTZ10S-HP

Specifications

Voltage: 12V CA: 420

Capacity (10h): 6Ah

Terminals: Fixed Terminal

Screws: MPS3

Dimensions (mm)

L: 151 W: 87 H: 95 TH: 105

1 pc EVA Spacer size 150x84x10mm



6 947312 410285

ML14B4-HP

Specifications

Voltage: 12V CA: 420

Capacity (10h): 6Ah

Terminals: Fixed Terminal

Screws: MPS3

Dimensions (mm)

L: 150 W: 70 H: 104 TH: 144

1 pc EVA Spacer size 150x70x25mm

1 pc EVA Spacer size 150x70x15mm



PRO Lithium HP-Series Technical Specifications



MLTZ14S-HP

Specifications

Voltage: 12V CA: 560

Capacity (10h): 8Ah

Terminals: Fixed Terminal

Screws: MPS3

Dimensions (mm)

L: 151 W: 87 H: 110 TH: 130

1 pc EVA Spacer size 150×84×10mm



ML51814-HP

Specifications

Voltage: 12V CA: 600

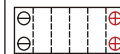
Capacity (10h): 10Ah

Terminals: "C" Terminal

Screws: MPS2

Dimensions (mm)

L: 183 W: 80 H: 170 TH: 170



MLX16UHD-HP

Specifications

Voltage: 12V CA: 600

Capacity (10h): 10Ah

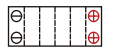
Terminals: Fixed Terminal

Screws: MPS3

Dimensions (mm)

L: 151 W: 87 H: 145 TH: 161

1 pc EVA Spacer size 150×70×15mm



MLX20UHD-HP

Specifications

Voltage: 12V CA: 720

Capacity (10h): 12Ah

Terminals: Fixed Terminal

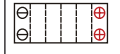
Screws: MPS3

Dimensions (mm)

L: 175 W: 87 H: 155 TH: 175

1 pc EVA Spacer size 175×87×20mm

1 pc EVA Spacer size 170×115×15mm



MPLX30UHD-HP

Specifications

Voltage: 12V CA: 800

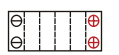
Terminals: Fixed Terminal

Screws: MPS3

Dimensions (mm)

L: 166 W: 126 H: 175 TH: 192

1 pc EVA Spacer size 165×125×17mm



MOTOBATT
Pro LITHIUM
HP-SERIES



MLX4U-P / MLX4U-HP



Same size as the MBTX4U

EVA 20mm Height Spacer



Same size as the MBTZ7S

Motobatt lithium	Capacity (Ah)	CA (A)	Watt Hour	L (mm)	W (mm)	H (mm)	EVA foam Height	Replaces JIS	L (mm)	W (mm)	H (mm)	Replace QuadFlex
MLX4U-P MLX4U-HP	2.5	200	30.0	114	70	87	Battery Size	YTX4L-BS	114	71	86	MBTX4U
								YT4L-BS				
								YTZ5S-BS				
								YB4L-A	120	92		
						107	Add 1×20mm	YB4L-B			70	105
								YTX5L-BS	114	107		
								YTZ6S				
								YTZ7S				

MLX4U Max-HP



Same size as the MBTX4U

EVA 20mm Height Spacer



1×20mm =



2×20mm =



Same size as the MBTZ7S

Motobatt lithium	Capacity (Ah)	CA (A)	Watt Hour	L (mm)	W (mm)	H (mm)	EVA foam Height	Replaces JIS	L (mm)	W (mm)	H (mm)	Replace QuadFlex	
MLX4UMax-HP	4.0	320	48.0	114	70	87	Battery Size	YTX4L-BS	114	71	86	MBTX4U	
								YT4L-BS					
								YTZ5S-BS					
								YB4L-A					
						YB4L-B	120	92	MBTZ7S				
						107				Add 1×20mm	YTX5L-BS	70	105
											YTZ6S		107
							YTZ7S						
						127	Add 2×20mm	YTZ7L-BS	114	71	131	MBTX7U	
YTZ8V													

MLX4L-HPL(LED)



Motobatt lithium	Capacity (Ah)	CA (A)	Watt Hour	L (mm)	W (mm)	H (mm)	EVA foam Height	Replaces JIS	L (mm)	W (mm)	H (mm)	Replace QuadFlex
MLX4L-HPL(LED)	4,0	320	48,0	114	70	81,8	Battery Size	-	-	-	-	-

MLX4LR-HPL(LED)



Motobatt lithium	Capacity (Ah)	CA (A)	Watt Hour	L (mm)	W (mm)	H (mm)	EVA foam Height	Replaces JIS	L (mm)	W (mm)	H (mm)	Replace QuadFlex
MLX4LR-HPL(LED)	4,0	320	48,0	114	70	81,8	Battery Size	-	-	-	-	-

MLX7U-HP



EVA 20mm Height Spacer



Same size as the MBTZ7S

Same size as the MBTX7U

Motobatt lithium	Capacity (Ah)	CA (A)	Watt Hour	L (mm)	W (mm)	H (mm)	EVA foam Height	Replaces JIS	L (mm)	W (mm)	H (mm)	Replace QuadFlex
MLX7U-HP	5.0	350	60.0	114	70	107	Battery Size	YTX5L-BS	114	70	105	MBTZ7S
								YTZ6S			107	
								YTZ7S				
								YTX7L-BS		71	131	MBTX7U
						127	Add 1×20mm	YTZ8V				

ML7U-HP



Same size as the MB7U

Motobatt lithium	Capacity (Ah)	CA (A)	Watt Hour	L (mm)	W (mm)	H (mm)	EVA foam Height	Replaces JIS	L (mm)	W (mm)	H (mm)	Replace QuadFlex
ML7U-HP	4	320	48.0	151	65	95	Battery Size	YT7BBS	150	65	93	MB7U
								YT7B4				

MLTZ10S-HP



Same size as the MBTZ10S

EVA 10mm Height Spacer



1×10mm =



Same size as the MBTX9U

Motobatt lithium	Capacity (Ah)	CA	Watt Hour	L (mm)	W (mm)	H (mm)	EVA foam Height	Replaces JIS	L (mm)	W (mm)	H (mm)	Replace QuadFlex
MLTZ10S-HP	6	420	72.0	151	87	95	Battery Size	YTX7ABS	150	87	94	MBTZ10S
								YTX10S			93	
						105	Add 150×84×10mm	YTR9BS			105	MBTX9U
								YTX9				
								YTX9BS				
								YT12ABS				

ML14B4-HP



Same size as the MBT9B4

EVA 25mm Height Spacer



1×25mm =

EVA 25+15mm Height Spacer



1×25mm + 1×15mm =



Same size as the MBT12B4



Same size as the MBT14B4

Motobatt lithium	Capacity (Ah)	CA (A)	Watt Hour	L (mm)	W (mm)	H (mm)	EVA foam Height	Replaces JIS	L (mm)	W (mm)	H (mm)	Replace QuadFlex
ML14B4-HP	6	420	72.0	150	70	104	Battery Size	YT9BBS	150	70	105	MBT9B4
								CT9B4			104	
						129	Add 150X70X25mm	YT12BBS		69	130	MBT12B4
								YT12B4				
						144	Add 150X70X25mm & 150X70X15mm	YT14BBS		70	145	MBT14B4
								YT14B4				

MLTZ14S-HP



EVA 20mm Height Spacer



Same size as the MBTZ14S

Same size as the MBTX12U

Motobatt lithium	Capacity (Ah)	CA	Watt Hour	L (mm)	W (mm)	H (mm)	EVA foam Height	Replaces JIS	L (mm)	W (mm)	H (mm)	Replace QuadFlex					
MLTZ14S-HP	8	560	96.0	151	87	110	Battery Size	YTZ12S	150	87	110	MBTZ14S					
								YTZ14S									
						130	Add 150X84X10mm	YB12BB2	160	90	130	MBTX12U					
								YTX12BS	150	87							
								YTX12									
								YTX15	175								
								YTX15L									
								YTX15L-BS									

ML51814-HP



Same size as the MB51814

Motobatt lithium	Capacity (Ah)	CA (A)	Watt Hour	L (mm)	W (mm)	H (mm)	EVA foam Height	Replaces JIS	L (mm)	W (mm)	H (mm)	Replace QuadFlex
ML51814-HP	10	600	120.0	183	80	170	Battery Size	51814	186	82	171	MB51814
								51913				
								YT19BL-BS	185	81	170	

MLX16UHD-HP



Same size as the MBYZ16H/HD

EVA 15mm Height Spacer



Same size as the MBTX16U

Motobatt lithium	Capacity (Ah)	CA (A)	Watt Hour	L (mm)	W (mm)	H (mm)	EVA foam Height	Replaces JIS	L (mm)	W (mm)	H (mm)	Replace QuadFlex
MLX16UHD-HP	10	600	120.0	151	87	145	Battery Size	GYZ16HL	150	87	145	MBYZ16H/HD
								GYZ16H				
								YTX14				
								YTX14BS				
								YTX14H				
								YTX14HBS				
								YTX14L				
								YTX14LBS				
						161	Add 150X70X15mm	KMX14BS	150	87	161	MBTX16U
								YTX16				
								YTX16BS				
								YTX16H-BS				
								YTX16BS1				
								YTX20A-BS				
								YTX20CH				
								YTX20CHBS				

MLX20UHD-HP



Same size as the MBTX20U/HD

EVA 15mm Width Spacer



1×15mm =

+

EVA 15mm Width Spacer
& EVA 20mm Height Spacer

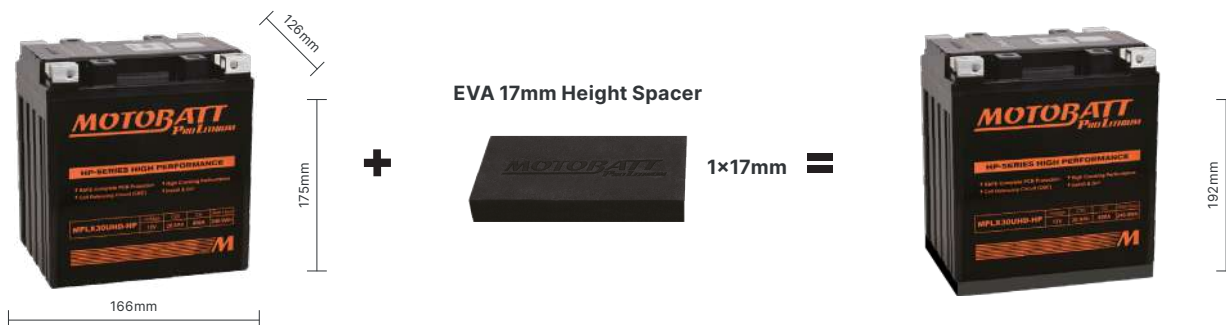


1×15mm
+
1×20mm =



Motobatt lithium	Capacity (Ah)	CA (A)	Watt Hour	L (mm)	W (mm)	H (mm)	EVA foam Height	Replaces JIS	L (mm)	W (mm)	H (mm)	Replace QuadFlex		
MLX20UHD-HP	12	720	144.0	175	87	155	Battery Size	YTX20	175	87	155	MBTX20U/HD		
								YTX20L						
								YTX20BS						
								YTX20HBS						
								YTX20LBS						
								YTX20HLBS						
								YTX20HLBSPW						
								YTX20H						
								YTX20HL						
								YTX20HL-PW						
								GYZ20H						
								GYZ20L						
								GYZ20HL						
								YB16CB					100	175
								YB16CLB						
					102	155	Add 175×87×20mm Height & 170×115×15mm Width	12N16 3A	176	101	156			
								12N16-3B	175	100	155			
								12N16 4A	176	101	156			
								12N16 4B						
								YB16A	175	100	155			
								YB16B						
								YB16B2						
								YB16HLACX						
								SYB16LB						
								YB16LA						
								YB16LA2						
								YB16LB						
								YB16LB2						
								YB16BCX						
								GT16L-BS	176	101	156			
								GT16-BS						
								CTX19L-BS	175		157			
								CTX19-BS						

MPLX30UHD-HP



Same size as the MBTX30U/HD

Motobatt lithium	Capacity (Ah)	CA (A)	Watt Hour	L (mm)	W (mm)	H (mm)	EVA foam Height	Replaces JIS	L (mm)	W (mm)	H (mm)	Replace QuadFlex
MPLX30UHD-HP	20	800	240.0	166	126	175	Battery Size	Y60N24A	184	124	175	MBTX30U/HD
								Y60N24ALB				
								Y60N24LA				
								Y60N24LA2				
								12N243				
								12N243A				
								12N24 4				
								12N24 4A				
								YIX30				
								YIX30L				
								YIX30L-BS				
								YB30LB				
								Y60N30LA				
								Y60N30LB				
							GYZ32HL					
							52515					
							53030					
192	Add 165X125X17mm	YIX30L-PW	166	126	192							
		YIX30L-BS-PW										
		YB30CLB	168	132								

RECOMMENDED CHARGER

Motobatt Pro-Lithium batteries were developed for professional use, particularly for competition motorcycles (Racing & Off Road). They are extremely lightweight and provide the best Cranking Amps (CA) for quick starting. However, due to their low capacity (AH), they are not recommended for daily use in vehicles with high power demands from accessories such as cell phone chargers, stereos, GPS, LED lights, alarms, heated gloves, etc.

Smart charging for all Motobatt Pro-Lithium battery models.

Motobatt Pro-Lithium batteries require different maintenance and care compared to lead-acid batteries.

Properly maintaining the battery during charging significantly extends its lifespan.

Never wash or clean Pro-Lithium batteries with any type of product or solvents, as this could damage the battery.

PDCFB

Special charger for lithium batteries.

12V 2.0A 9-step algorithm.



PDCT1

6V / 12V selectable
1.0A 6-step



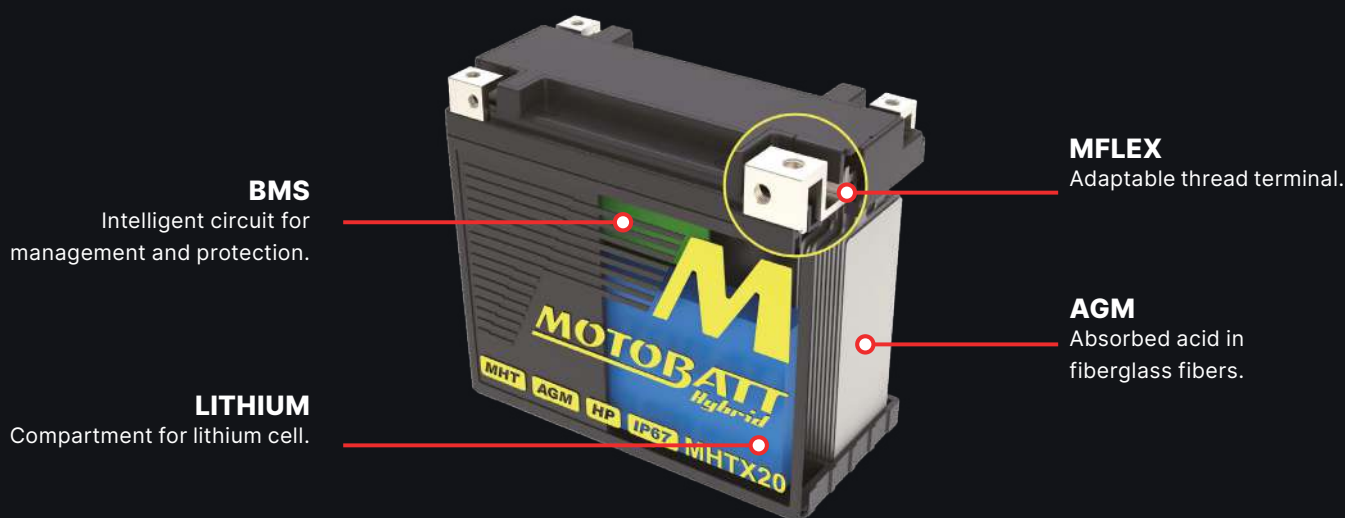
MOTOBATT Hybrid



The advantages of lead-acid and lithium in one battery.

Motobatt has once again surprised the **Powersports industry** with its technological advancements, launching its new **"HYBRID" technology**. This technology is a **unique blend** of the advantages of **lead-acid batteries and lithium batteries**, achieving the best of both technologies **to maximize battery performance**. It is **the perfect battery** for motorcycles, ATVs, and other Powersports vehicles.

The "HYBRID" battery features a lead-acid core with a lithium-ion electrolyte.



Hybrid Benefits

- ✓ **Longer lifespan**
The lead-acid core provides the "HYBRID" battery with a longer lifespan than traditional lithium batteries.
- ✓ **Better performance**
The lithium-ion electrolyte provides the "HYBRID" battery with better performance than traditional lead-acid batteries.
- ✓ **Greater versatility**
The "HYBRID" battery can be used in a wider range of applications than traditional lithium batteries.

HYBRID ADVANTAGES

MFLEX Adaptable thread terminal

- ✓ Adjustable terminals.
- ✓ Solid internal connection.
- ✓ Copper terminals for better conductivity.

MHT Motobatt hybrid technology

- ✓ Exceptional cold cranking power.
- ✓ Longer life cycles.
- ✓ Fast charging time.
- ✓ Safer and more stable.

HP High-performance design

- ✓ Overcharge protection.
- ✓ Discharge protection.
- ✓ Temperature protection.
- ✓ Cell balancing control for enhanced performance.

AGM Absorbed acid in fiberglass fibers

- ✓ Quick recovery.
- ✓ Plates designed for Powersports.
- ✓ Highly resistant to vibrations.
- ✓ Constant cranking in all weather.

Motobatt offers you the best performance of both technologies (lead - lithium) while always being compatible with all original charging systems.

Motobatt Hybrid vs Lead-Acid

- ✓ 90% stronger in cranking power.
- ✓ 30% lighter in weight.
- ✓ 500% more life cycles.
- ✓ 50% less self-discharge.
- ✓ Faster charging time.
- ✓ Consistent cranking power in cold temperatures.
- ✓ Protection against overcharge, discharge, and temperature.

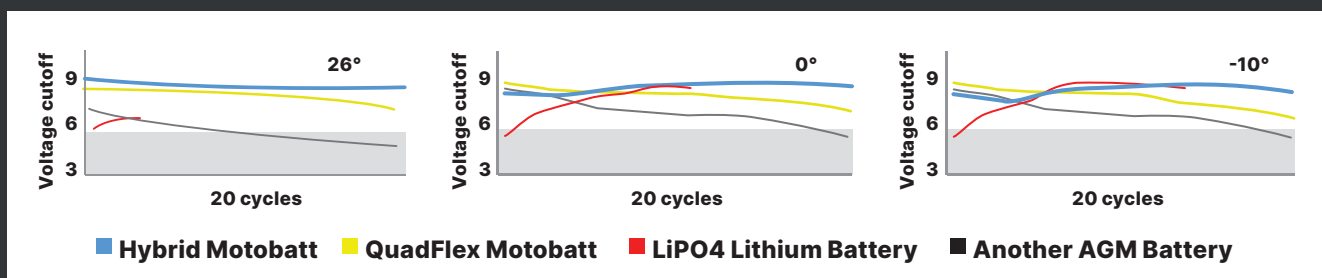
Motobatt Hybrid vs Lithium

- ✓ Compatibility with all original charging systems.
- ✓ 200% more amperage (AH).
- ✓ Stable temperature.
- ✓ Increased life cycles.
- ✓ Higher cranking power in cold temperatures.
- ✓ Can be charged with AGM lead chargers.
- ✓ Additional connections for electronic .

CRANKING PERFORMANCE TEST

Parallel comparisons in multiple start- ups at different temperatures

Motobatt Hybrid stronger and consistent in all weather conditions



HYBRID Technical Specifications



MHTZ14S

Specifications

Voltage: 12V CA: 350A

Capacity (C20): 6.7Ah

Weight: 1.9Kg

Terminals: Fixed Terminals & 2F

Screws: M6X2pcs

Dimensions (mm)

L: 151 W: 87 H: 95 TH: 110

1pc EVA Spacer size 149×84×5mm

1pc EVA Spacer size 149×84×10mm



6 947312 408473



MHT12B4

Specifications

Voltage: 12V CA: 450A

Capacity (C20): 8.5Ah

Weight: 2.35Kg

Terminals: Fixed Terminals & 2F

Screws: M6X2pcs

Dimensions (mm)

L: 150 W: 70 H: 130 TH: 145

1 pc EVA Spacer size 150×70×15mm



6 947312 411329



MHTX16

Specifications

Voltage: 12V CA: 600A

Capacity (C20): 12Ah

Weight: 2.9Kg

Terminals: Fixed Terminals & 4F

Screws: M6X2pcs

Dimensions (mm)

L: 151 W: 87 H: 130 TH: 160

2pcs EVA Spacer size 150×87×15mm MPBS4



6 947312 407148



MHTX20

Specifications

Voltage: 12V CA: 750A

Capacity (C20): 17Ah

Weight: 4.9Kg

Terminals: Fixed Terminals & 4F

Screws: M6X2pcs

Dimensions (mm)

L: 175 W: 87 H: 155 TH: 175

1pc EVA Spacer size 150×87×15mm MPBS4

1pc EVA Spacer size 175×87×20mm



6 947312 407117



MHTX30

Specifications

Voltage: 12V CA: 850A

Capacity (C20): 25Ah

Weight: 7.85Kg

Terminals: Fixed Terminals & 4F

Screws: M6X2pcs

Dimensions (mm)

L: 166 W: 126 H: 175 TH: 192

1 pc EVA Spacer size 166×126×17mm



6 947312 407100

MOTOBATT Hybrid



MHTZ14S



Same size as the MBTZ10S

+

EVA 10mm Height Spacer



1×10mm =



Same size as the MBTX9U

EVA 5+10mm Height Spacer



1×5mm
+
1×10mm =



Same size as the MBTZ14S

Motobatt Hybrid	Capacity (Ah)	CA (A)	Power (Wh)	L (mm)	W (mm)	H (mm)	EVA foam Height	Replaces JIS	L (mm)	W (mm)	H (mm)	Replace Quadflex
MHTZ14S	6.7	350	85	151	87	95	Battery Size	YTX7A-BS	150	87	94	MBTZ10S
				150		105	1*10mm	YTX10S			93	
								YTR9-BS			105	MBTX9U
								YTX9				
								YTX9-BS				
								YT12A-BS				
								110			1*5mm & 1*10mm	YTZ12S
				YTZ14S								

MHT12B4



Same size as the MBT12B4

+

EVA 15mm Height Spacer



=



Same size as the MBT14B4

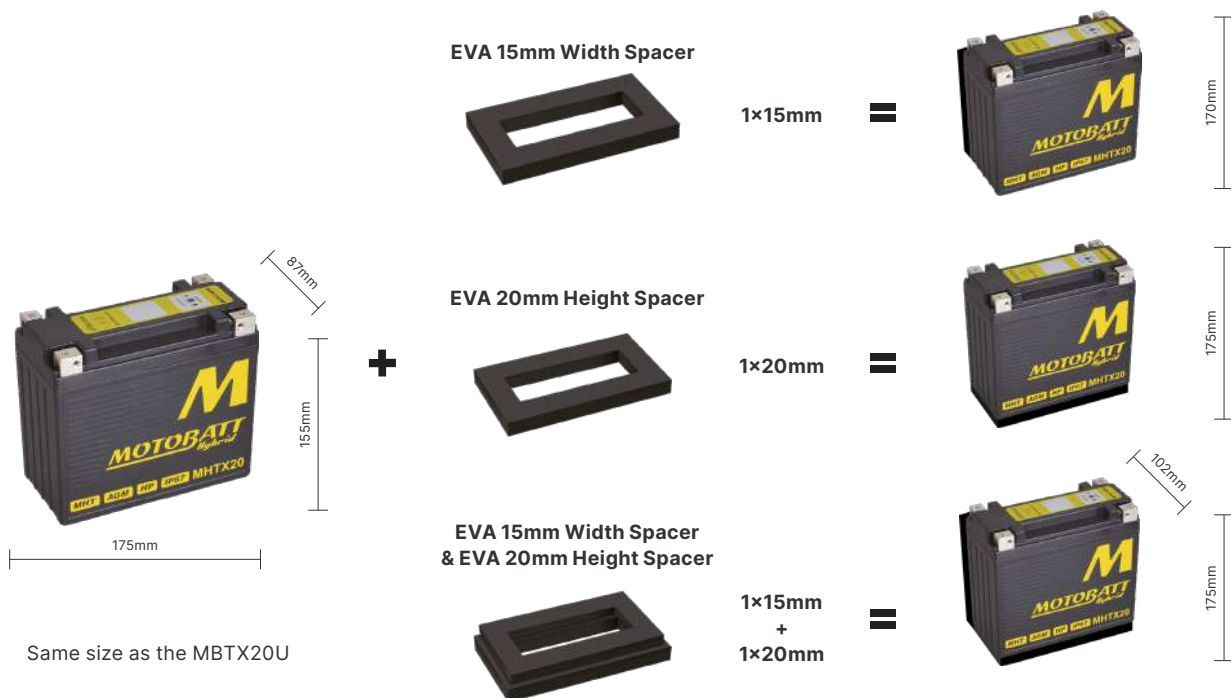
Motobatt Hybrid	Capacity (Ah)	CA (A)	Power (Wh)	L (mm)	W (mm)	H (mm)	EVA foam Height	Replaces JIS	L (mm)	W (mm)	H (mm)	Replace QuadFlex
MHT12B4	8.5	450	107	150	70	130	Battery Size	YT12B-BS	150	69	130	MBT12B4
						YT12B-4						
						145	1*15mm	YT14B-BS		70	145	MBT14B4
								YT14R-4				

MHTX16



Motobatt Hybrid	Capacity (Ah)	CA (A)	Power (Wh)	L (mm)	W (mm)	H (mm)	EVA foam Height	Replaces JIS	L (mm)	W (mm)	H (mm)	Replace QuadFlex	
MHTX16	12	600	140	151	87	130	Battery Size	YTX12	150	87	130	MBTX12U	
								YTX12-BS					
								YB12B-B2	160	90			
								YTX15	175				
								YTX15L					
								YTX15L-BS					
						145	1*15mm	YTX14BS	150	87	145	MBYZ16H(D)	
								YTX14					
								YTX15H					
								YTX14L					
								YTX14LBS					
								YTX14LBS					
								KMX14BS					
								GYZ16H					
								GYZ16HL					
						160	2*15mm	YTX16				161	MBTX16U
								YTX16BS					
								YTX16H-BS					
								YTX16-BS-1					
								YTX20A-BS					
								YTX20CH					
YTX20CHBS													

MHTX20



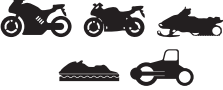
Motobatt lithium	Capacity (Ah)	CA (A)	Power (Wh)	L (mm)	W (mm)	H (mm)	EVA foam Height	Replaces JIS	L (mm)	W (mm)	H (mm)	Replace QuadFlex
MHTX20	17	750	204	175	87	155	Battery Size	YTX20BS	175	87	155	MBTX20U
								YTX20HBS				
								YTX20LBS				
								YTX20HLBS				
								YTX20HLBSPW				
								YTX20H				
								YTX20HL				
								GYZ20H				
								GYZ20L				
								GYZ20HL				
								GYZ20H				
								GYZ20L				
								GYZ20HL				
					102	155	1*15mm	12N16-3B	176	101	156	
								12N16-4A				
								12N16-4B				
								YB16A	175	100	155	
								YB16A2				
								YB16B				
								YB16B2				
								YB16HLACX				
								SYB16LB				
								YB16LA				
								YB16LA2				
								YB16LB				
								YB16LB2				
								YB16BCX				
								GT16L-BS	176	101	156	
								GT16-BS				
								CTX19L-BS				
								CTX19-BS				
					87	175	1*20mm	YTX20HL-PW	175	87	175	
					102		1*15mm & 1*20mm	YB16CB				
							YB16CLB					

MHTX30



Motobatt Hybrid	Capacity (Ah)	CA (A)	Power (Wh)	L (mm)	W (mm)	H (mm)	EVA foam Height	Replaces JIS	L (mm)	W (mm)	H (mm)	Replace Quadflex
MHTX30	25	850	305	166	126	175	Battery size	YIX30	166	126	175	MBTX30U
								YIX30L				
								YIX30L-BS				
								GYZ32HL				
								YB30LB	168	132	176	
								Y60N30LA	187	130	170	
								Y60N30LB				
								52515	186		171	
								53030				
								Y60N24A	184	124	175	
								Y60N24ALB				
								Y60N24ALB				
								Y60N24LA				
								Y60N24LA2				
								12N24-3				
								12N24-3A				
								12N24-4				
								12N24-4A				
						192	1*17mm	YIX30L-PW	166	126	192	
								YIX30L-BS-PW				
								YB30CLB	168	132	192.2	

COMPARISON TABLE

	AGM QUADFLEX	GEL	PRO LITHIUM P	PRO LITHIUM HP	HYBRID
TECHNOLOGY	AGM with 4 terminals	Nano Gel	Lithium-ion with CBC	Lithium-ion with CBC + PCB	AGM + Lithium-ion
FEATURES	• High capacity (AH) • Excellent cold cranking power (CCA) • Optimal safety • Vibration resistant • Medium to low self-discharge • Recommended for low temperatures • High weight • Storage: 6-8 months • 300 life cycles	• Optimal capacity (AH) • Good cold cranking power (CCA) • Maximum safety • Maximum vibration resistance • Low self-discharge • Recommended for high temperatures • High weight • Storage: 5-6 months • 250 life cycles	• Medium capacity (AH) • Excellent cold cranking power (CA) • Maximum safety • With cell balancing and protection • Very low self-discharge • Suitable for moderate temperatures • Ultra lightweight • Storage: 10-12 months • 1000 life cycles	• Medium capacity (AH) • Excellent cold cranking power (CA) • Maximum safety • With cell balancing and protection • Very low self-discharge • Suitable for moderate temperatures • Ultra lightweight • Storage: 10-12 months • 1000 life cycles	• Maximum capacity (AH) • Maximum cold cranking power (CCA) • Maximum safety • Low self-discharge • Suitable for all temperature ranges • Medium weight • Storage: 8-10 months • 3000 life cycles
RECOMMENDED APPLICATIONS					
MOUNTING INCLINATION	 High inclination	 High inclination	 Multiple inclinations	 Multiple inclinations	 High inclination

MOTOBATT

DEEP CYCLE



MOTOR HOME



Model	Length (mm)	Width (mm)	High (mm)	Capacity 20 hs (AH)
MB90-12	260	170	210	90 Ah
MB115-12	305			115 Ah
MB130-12	170	170	215	130 Ah

GARDENING AND MOBILITY



Model	Length (mm)	Width (mm)	High (mm)	Capacity 20 hs (AH)
U1-7/U1 R-7	195	130	165	18 Ah
U1-9/U1 R-9				24 Ah
U1-32/U1 R-32				32 Ah
U1-32/U1 R-35				35 Ah

MOBILITY SCOOTER



Model	Length (mm)	Width (mm)	High (mm)	Capacity 20 hs (AH)
MB32-12	165	126	175	32 Ah
MB35-12	195	130	165	35 Ah
MB50-12	197	166	175	50 Ah

MARINE



Model	Length (mm)	Width (mm)	High (mm)	Capacity 20 hs (AH)
MB26-80	260	174	225	80 Ah
MB27-90	304	173		90 Ah
MB31-100	330		240	100 Ah

DEEP CYCLE Technical Specifications



MB90-12
BCI GROUP: 24
Specifications
Nominal Voltage: 12V
Nominal Capacity: 90AH
Total Height (including terminals): 215 mm
Length: 260mm Width: 169mm Height: 211mm
Weight: 26.2 Kg
Characteristics
Capacity 20-HR (4.7A at 10.5 Volts): 90AH
Capacity 10-HR (4.7A at 10.5 Volts): 85AH
Capacity 5-HR (4.7A at 10.5 Volts): 77AH
Internal Resistance. Full charge at 77°F(25°C): 5.5mΩ
Affected capacity by the temperature 104°F (40°C): 102%
Affected capacity by the temperature 77°F (25°C): 100%
Affected capacity by the temperature 32°F (0°C): 85%
Affected capacity by the temperature 5°F (-15°C): 65%
Self-discharge 77°F (25°C):
Capacity at 3 months of storage: 91%
Self-discharge 77°F (25°C):
Capacity at 6 months of storage: 82%
Self-discharge 77°F (25°C):
Capacity at 12 months of storage: 64%
Maximum discharge 77°F(2B°C). 1000A (5s)
Terminal. Standard: MB (w/ Tp08 Brass APy MIncluded)
Charging (Constant voltage). Cycle:
Initial charging current 0.2 X C10
Charging (Constant voltage). Float charge:
14.5V - 14.9V / 77°F (25°C)
Charging (Constant voltage). Float charge:
13.6V - 13.8V / 77°F (25°C)



MB90-12
BCI GROUP: 27
Specifications
Nominal Voltage: 12V
Nominal Capacity: 115AH
Total Height (including terminals): 215 mm
Length: 306mm Width: 169mm Height: 211mm
Weight: 30.7 Kg
Characteristics
Capacity 20-HR (4.7A at 10.5 Volts): 115AH
Capacity 10-HR (4.7A at 10.5 Volts): 110AH
Capacity 5-HR (4.7A at 10.5 Volts): 94AH
Internal Resistance. Full charge at 77°F(25°C): 4.0mΩ
Affected capacity by the temperature 104°F (40°C): 102%
Affected capacity by the temperature 77°F (25°C): 100%
Affected capacity by the temperature 32°F (0°C): 85%
Affected capacity by the temperature 5°F (-1 S°C): 65%
Self-discharge 77°F (25°C):
Capacity at 3 months of storage: 91%
Self-discharge 77°F (25°C):
Capacity at 6 months of storage: 82%
Self-discharge 77°F (25°C):
Capacity at 12 months of storage: 64%
Maximum discharge 77°F(2B°C). 1000A (5s)
Terminal. Standard: MB (w/ Tp08 Brass APy MIncluded)
Charging (Constant voltage). Cycle:
Initial charging current 0.2 X C10
Charging (Constant voltage). Float charge:
14.5V - 14.9V / 77°F (25°C)
Charging (Constant voltage). Float charge:
13.6V - 13.8V / 77°F (25°C)



MB90-12
BCI GROUP: 32
Specifications
Nominal Voltage: 12V
Nominal Capacity: 130AH
Total Height (including terminals): 220 mm
Length: 330mm Width: 171mm Height: 216mm
Weight: 34.5 Kg
Characteristics
Capacity 20-HR (4.7A at 10.5 Volts): 130AH
Capacity 10-HR (4.7A at 10.5 Volts): 125AH
Capacity 5-HR (4.7A at 10.5 Volts): 100AH
Internal Resistance. Full charge at 77°F(25°C): 3.5mΩ
Affected capacity by the temperature 104°F (40°C): 102%
Affected capacity by the temperature 77°F (25°C): 100%
Affected capacity by the temperature 32°F (0°C): 85%
Affected capacity by the temperature 5°F (-15°C): 65%
Self-discharge 77°F (25°C):
Capacity at 3 months of storage: 91%
Self-discharge 77°F (25°C):
Capacity at 6 months of storage: 82%
Self-discharge 77°F (25°C):
Capacity at 12 months of storage: 64%
Maximum discharge 77°F(2B°C). 1000A (5s)
Terminal. Standard: MB (w/ Tp08 Brass APy MIncluded)
Charging (Constant voltage). Cycle:
Initial charging current 0.2 X C10
Charging (Constant voltage). Float charge:
14.5V - 14.9V / 77°F (25°C)
Charging (Constant voltage). Float charge:
13.6V - 13.8V / 77°F (25°C)

CONSTANT CURRENT DISCHARGE (AMPS)

	Court of voltage V/ Cell	30M	45M	1H	2H	3H	6H	8H	10H	12H	20H	21H
MB90-12		100	72	60	36	25.5	13	10.8	9	7.6	4.7	4.5
MB115-12	1.75V	120	88	73.4	44	31.2	15.9	13.2	11	9.3	5.7	5.5
MB130-12		135	100	83	50	35.4	18	15	12.5	10.6	6.5	6.25

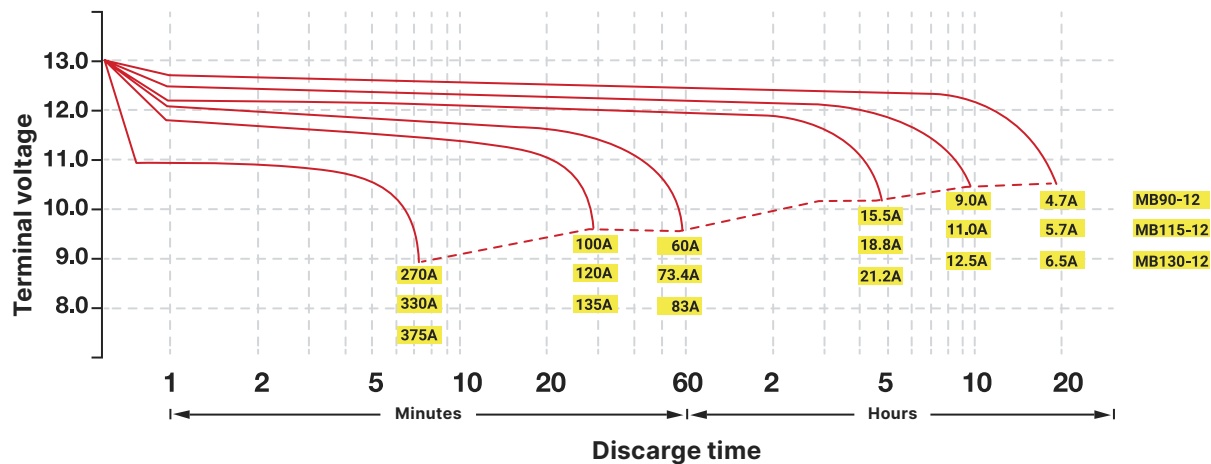
RESERVE CAPACITY

@25 AMPS	@75 AMPS
184 minutes	143 minutes
227 minutes	58 minutes
258 minutes	68 minutes

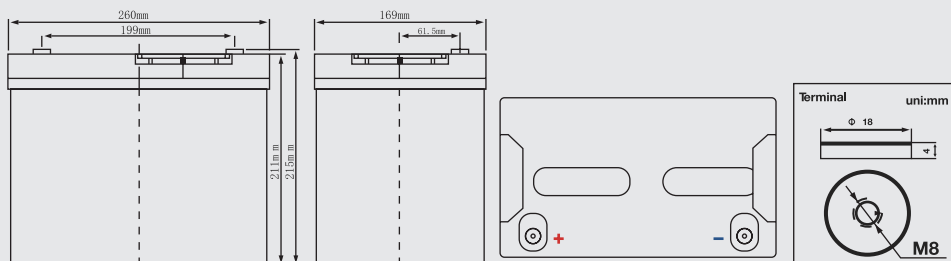
Discharge characteristics

12- Battery voltage

Temperature: 77°F (25° C)

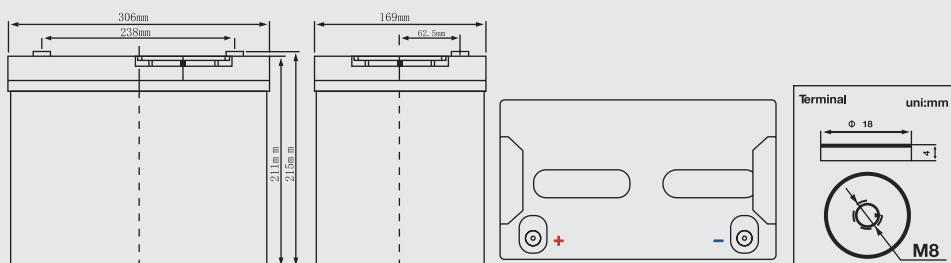


Detailed measurements



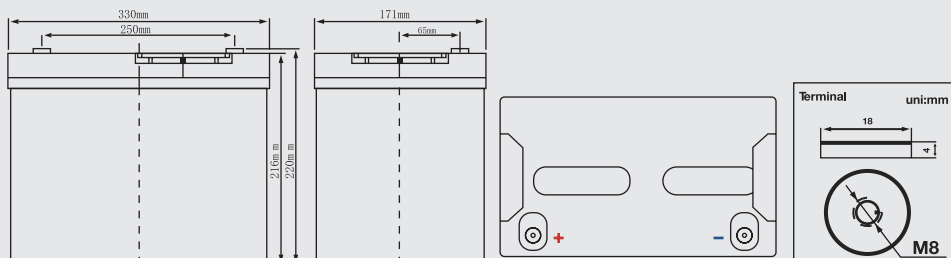
Model MB90-12

(90AH/12 Volt) BCI GROUP: 24



Model MB115-12

(115AH/12 Volt) BCI GROUP: 27



Model MB130-12

(130AH/12 Volt) BCI GROUP: 32

AUXILIARY BATTERY

Reliable backup power with advanced AGM technology and patented Quadflex design.

Motobatt Quadflex is a highly versatile AGM battery designed for the high-performance Powersport market. It is unique in the world thanks to its exclusive and patented design with larger lead plates. This design provides the best performance, increased cold cranking amps (CCA), and higher ampere/hour (AH) capacity.

Motobatt Quadflex batteries can be used for both starting and energy reserve, making them ideal for use in "Start-Stop" vehicles, which are commonly found in newer generation vehicles. Additionally, Motobatt offers high-performance upgrades for intensive use cases such as police vehicles, fire trucks, or ambulances, where having a reliable reserve of energy is crucial.

BENEFITS

- ✓ High performance AGM Premium battery, vibration resistant and higher useful life.
- ✓ "Quadflex" design with the best CCA and AH From the market.
- ✓ Flame retardant and explosion resistant casing.
- ✓ Unique multi-terminal design, provides additional connections for accessories.

	Motobatt	AH	CCA	Length (mm)	Width (mm)	High (mm)
	MBTX12U	14	210	151	87	130

	Motobatt	AH	CCA	Length (mm)	Width (mm)	High (mm)
	MBYZ16HD	16.5	240	151	87	145

	Motobatt	AH	CCA	Length (mm)	Width (mm)	High (mm)
	MBTX24U	25	350	205	87	162

MERCEDES BENZ

Standard	Upgrade			
MBTX12U	MBYZ16HD	2010-2014	C300	All the models
		2006-2014	C350	
		2014	C63AMG	
		2008-2014	C63AMG	
		2006	CLS500	
			CLS55AMG	
		2014	CLA250	
		2007-2011	CLS63AMG	
		2003-2006	E320	CDI Sedan 4-Doors
		2014	E350	All the models
		2003-2006	E500	
		2004-2006	E55AMG	
		2012-2014	E550	
		2012-2011		
		2012-2014	C63AMG	
		2010-2011		
		2010-2016		
		2010-2011	GLK350	
		2010-2011	S450	
		2010-2013	S600	
		2010-2014	SL550	
		2013	SL63AMG	Convertible Base 2- Doors
		2014	SL65AMG	
		2013-2014	SLK350	
		2012-2014	SLK55AMG	

BMW

Standard	Upgrade			
MBTX24U		2014-2016	130	All the models
MBTX12U	MBYZ16HD	2010	550i	
		2017	530i	Base Sedan 4- Doors
			530i xDrive	
			540i	
			540i xDrive	
			740i	Excellence Sedan 4- Doors
			740i xDrive	Base Sedan 4- Doors

CHEVROLET

Standard	Upgrade			
MBTX24U		2015-2016	Malibu	All the models
MBTX12U		2015-2016	Impala	

RAM

Standard	Upgrade			
MBTX12U	MBYZ16HD	2022>	1500	

JAGUAR

Standard	Upgrade			
MBTX12U	MBYZ16HD		Full Series	All the models

LAND ROVER

Standard	Upgrade			
MBTX12U	MBYZ16HD		Full Series	All the models

FORD

Standard	Upgrade			
MB5.5U	MBTX20U		Full F150/250/350 RANGER	All the models
MB18U			U759/U760/P800	
MB18U			E350 P800	All the models

PSA PHEV SERIES

Standard	Upgrade			
MBTX12U	MBYZ16HD			

VOLVO

Standard	Upgrade			
MBTX12U	MBYZ16HD		Full Series	

LINK & CO

Standard	Upgrade			
MBTX12U	MBYZ16HD			All the models

STELLANTIS 02X

Standard	Upgrade			
MBTX12U	MBYZ16HD			All the models



Specifically design for electric motorcycles

“Graphene” Super Power

- ✓ **Super Power**
20% more power
- ✓ **Longer Lifecycle**
30% longer
- ✓ **Long Lasting in Cold Weather**
20% longer
- ✓ **Packaging**
1pc/box - 4pcs / carton

MBEV14G

Specifications

12V 14Ah (C2)

Dimensions (mm)

L: 151 W: 99 H: 98 TH: 98.5



MBEV25G

Specifications

12V 25Ah (C2)

Dimensions (mm)

L: 181 W: 77 H: 170 TH: 170



Basic concepts of battery charging and handling



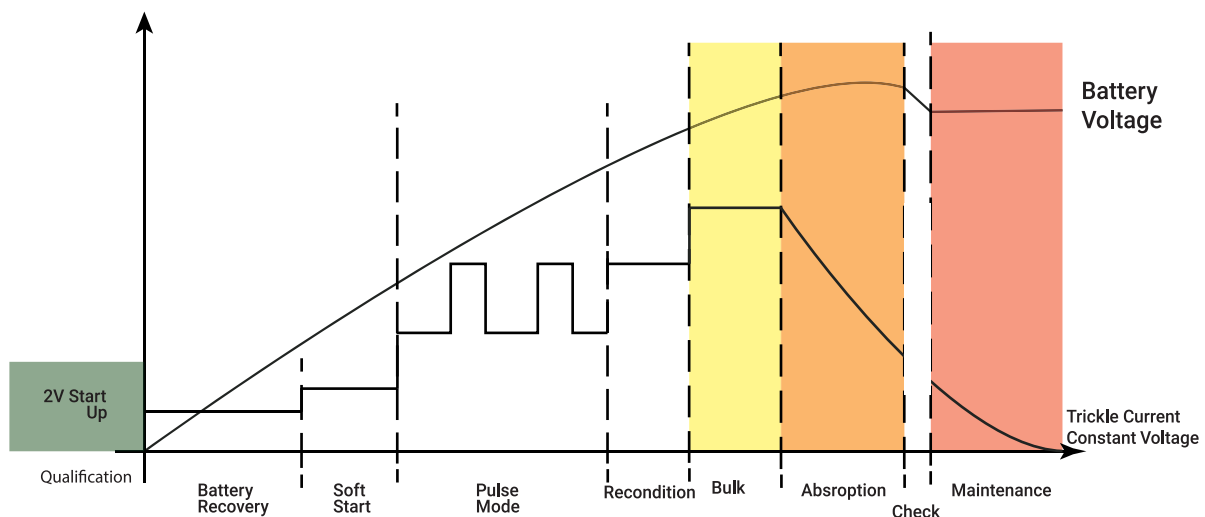
Motobatt's recommendations to properly charge and maintain batteries.

Batteries are electrical energy storage devices that store energy in a chemical form and release it as controlled direct current. They consist of two electrodes, a positive electrode (lead dioxide) and a negative electrode (porous lead), immersed in an electrolyte.

When a battery is not used, it can discharge excessively, causing the chemical composition of both electrodes to transform into sulfate. If the battery remains discharged for an extended period, this sulfation gradually becomes irreversible, rendering the active material unable to transform back. This is known as sulfation.

To properly charge and maintain batteries, Motobatt recommends its intelligent chargers, which follow the 9 stages of charging and maintenance. These chargers automatically determine the appropriate current based on the battery's condition and reactivate the plates correctly, eliminating the risk of overcharging.

Charging Process



Unique 9 Motobatt stage charging and maintenance process

1. QUALIFICATION STAGE

Initially, it is ensured that the battery is in good condition before applying the charge. As a safety measure, the charging process will not begin if the battery voltage is below 2.0V.

2. BATTERY RESCUE STAGE

The battery rescue stage is initiated if the voltage has unusually risen in the early part of the charging cycle. This is usually caused by plate sulfation. Once the battery rescue stage has successfully allowed the battery to accept energy, the normal charging process will begin.

3. LOW OR SOFT START STAGE

The soft start stage is used when the charger has detected a battery with a very low initial charge state. Voltage and current are delivered at a specific level to assist the battery in recovering before entering the pulse charging mode.

4. PULSE MODE STAGE

In this stage, the charger provides a series of high-frequency pulse charging to assist the newly recovered battery in continuing to accept charge as it enters the reconditioning phase.

5. RECONDITIONINGS TAGE

In this stage, the charger continues to work on the battery at a slightly higher voltage and amperage to “reactivate” the plates, significantly improving the volume and acceptance of the charge.

6. BULK CHARGING STAGE

With the battery progressing towards recovery through the pulse and reconditioning stages, the MOTOBATT bulk charging stage provides a constant current to the battery until it reaches 80% of its capacity.

7. ABSORPTION STAGE

In the absorption stage, the battery is supplied with a constant voltage while the current is gradually reduced based on monitoring the battery's state until it reaches 100% capacity.

8. VERIFICATION STAGE

The battery will be verified to ensure that it is retaining the charge properly. This verification process will determine whether the battery can be deemed usable or not based on its ability to hold the charge effectively.

9. MAINTENANCE STAGE

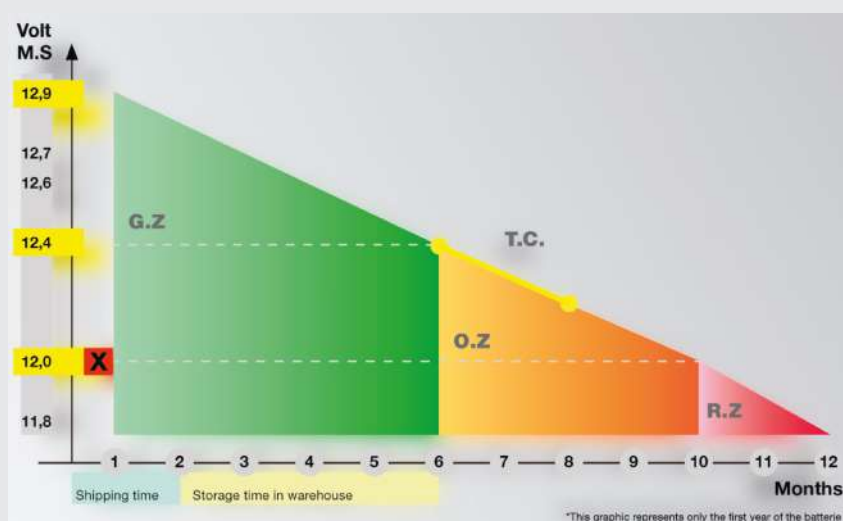
The battery can safely be left in the charger indefinitely. The unit monitors the battery and will reactivate as needed to keep the battery in a fully charged state.

Battery maintenance

First, let's mention some basic concepts of parameters used in all our batteries.

⚡ VOLTAGE	⚙️ AMPERAGE
It is the voltage or pressure of a power supply source. In most cases, it is 12V (6 cells of 2V each), although there are some classic motorcycles that still use 6V batteries (3 cells of 2V each).	It is the capacity of the battery to store and deliver charge. It is measured in ampere-hours (Ah) and is indicated by a number that represents the amount of electrical energy the battery can provide over a one-hour period of discharge. The capacity of the battery depends on the electrical energy consumption of the vehicle.

Loading and maintenance



M.S – THE STANDARD MINIMUM

The standard minimum voltage at the factory is 12.9V. Typically, our batteries are shipped between 13.0 and 13.2 volts. The production date is printed at that time.

GREEN ZONE

Batteries that have a voltage higher than 12.4V are in ideal conditions to be installed in the motorcycle. This range, under normal storage conditions, corresponds to the first 6 months from the production date.

TESTING AND CHARGING

Between 6 and 8 months, we recommend testing and, if necessary, recharging the batteries to ensure they do not drop below 12.4V. This helps maintain their optimal performance and prevents them from discharging excessively.

ORANGE ZONE

If we let the ideal testing and charging time pass, the battery voltage can drop below 12.4V. Between 12.4V and 12.0V, the batteries can be recovered, but it is not recommended to reach this point. It is important to regularly test and recharge the batteries to maintain their voltage above the recommended levels and prevent potential damage or deterioration.

RED ZONE

This is a critical zone, and it is important to prevent the battery voltage from dropping below 12.0V.

MBCBABY 6V/12V selectable 500mA**BABY BOY**

Charger and maintainer of sealed AGM and GEL batteries. This Motobatt charger performs 3 stages of charging algorithm and maintenance. The original box includes a cable with crocodile clips and a cable with rings.

SPECIAL FEATURES

- 3 charging and maintenance algorithms.
- Overload protection.
- Polarity inversion protection.
- Polarity inversion protection.
- Auto change input 120-240V AC50/60hz
- 6v - 12v 500ma output (selectable with side button).
- Maximum load 500ma.
- Voltage 7.5V(6v batteries) - 15V (12V batteries).
- Charging capacity 2 to 20 ah.
- Maintenance capacity: up to 50 ah.

PDCT1 6V/12V selectable 1A

Motorcycle



ATV



Snowmobile



Jet Ski

**TECH 1**

Practical charger and maintainer for all types of lead-acid, gel, hybrid, and lithium (LiFePo4) batteries. This charger complies with the intelligent 6-stage charging algorithm. It features automatic voltage selection for 6V - 12V batteries.

SPECIAL FEATURES

- Input: 100-240VAC50 /60Hz 18W.
- Output: 14.4V 1.0A LiFePo 4(4S)- 6 / 12V 1.0A Lead-acid.
- Recommended for Lead-acid batteries: Minimum 3Ah- Maximum 45Ah . Recommended for Lithium batteries: Minimum 1Ah Maximum 100Ah.
- Output current: 1.0A.
- Ring terminal and alligator clip included.
- Overcharge/short circuit protection.
- Reverse polarity protection.

PDCWB 12V - 1.0A 9 -steps algorithm**WATER BOY**

Charger and maintainer of sealed AGM and GEL batteries, has a fully waterproof charging system and performs the 9 stages of charging and maintenance algorithm. Ideal for use external in vehicles such as motorcycles, jet skis, motorcycles snowmobiles, boats, ATVs, lawnmowers, and small automobiles. The original box includes a cable with crocodile clips and a cable with rings.

SPECIAL FEATURES

Completely waterproof system IP67.

9 charging and maintenance algorithms.

Overload protection.

Polarity inversion protection.

Protection against short circuit.

Input auto change 120-240 AC 50/60 hz.

Output 12v 1.0A.

Maximum load 1.0A.

Voltage 14.8V.

Charging capacity 2 to 33 Ah.

Maintenance capacity: up to 80 Ah.

PDCFB 12V automatic detection 2A

Special charger for lithium batteries

**FAT BOY**

Charger and maintainer of Conventional battery (YB), sealed AGM, GEL batteries, but especially for Lithium batteries, this Motobatt charger performs the 9 stages of the charging algorithm charging and maintenance. Includes a cable with crocodile clips and a cable with rings.

SPECIAL FEATURES

Lithium battery charger (LiFePo4).

9 charging and maintenance algorithms.

Overload protection.

Polarity inversion protection (only for lead batteries).

Protection against short circuit (only for lead batteries).

Input auto change 120-240 AC 50/60 hz.

Output 12v 2.0A.

Maximum load 2.0A.

Voltage 14.9 (lead batteries)- voltage 14.6 (lithium batteries).

Charging capacity 4-100 Ah maintenance of all lead acid batteries. 2-20 Ah in lithium batteries.

PDC2x2A 12V - 2.0A x2 Channels

Motorcycle



ATV



Snowmobile



Jet Ski



6 947312 408558

DUAL BANK

Charger and maintainer of Conventional batteries, Sealed AGM, and Gel batteries, this Motobatt charger performs the 9 stages of the charging and maintenance algorithm. It is suitable for workshops or users with multiple motorcycles, as it can charge up to 5 batteries per channel, for a maximum of 10 batteries simultaneously. It features a safe charging timer of up to 72 hours.

SPECIAL FEATURES

9 charging and maintenance algorithms.

Overload protection.

Reverse polarity protection.

Short circuit protection.

Temperature compensation.

Sulfation prevention.

Battery lifespan extension system.

Auto-switching input 100-240V AC 50/60 Hz.

Output 12V, 2.0A (per channel).

Maximum charging current: 2.0A.

Maximum voltage: 14.9V.

Charging capacity: 4-1 00 Ah.

Maintenance of all lead-acid batteries.

PDC4X2A 12V - 2.0A x4 Channels

Motorcycle



ATV



Snowmobile



Jet Ski



6 947312 408565

QUAD BANK

Conventional battery(YB), sealed AGM, and Gel batteries Charger and of Maintainer. This Motobatt charger performs the 9 stages of the charging and maintenance algorithm. It is suitable for workshops or users with multiple motorcycles as it can charge up to 5 batteries per channel, for a maximum of 20 batteries simultaneously. It features a safe charging timer of up to 72 hours.

SPECIAL FEATURES

9 charging and maintenance algorithms.

Overload protection.

Reverse polarity protection.

Short circuit protection.

Temperature compensation.

Sulfation prevention.

Battery lifespan extension system.

Auto-switching input 100-240V AC 50/60 Hz.

Output 12V, 2.0A (per channel).

Maximum charging current: 2.0A.

Maximum voltage: 14.9V.

Charging capacity: 4-1 00 Ah.

Maintenance of all lead-acid batteries.

MBC12B



SPECIFICATIONS

Input Voltage: World Capable Auto switching
100-240VA 50Hz /60Hz.

Output Voltage: 16VDC 1.0 Amp (regulated by 12 station router).

Output Cable: Length 10.5' 22AWG, black.

Max Charge Current: 1.0A.

Max Voltage: 16V.

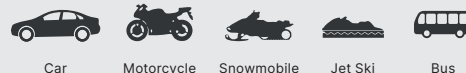
Charging Program: 12 Stages.

Overcharge Protection: Yes.

MOTOBATT



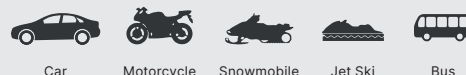
MBJ-7500B 12V-5V/2A



FEATURES

JUMPSTART- 12 Volt Vehicles.
5V/2.4A USB OUTPUT-Charges Cell phones, iPads, iReaders, Tablets and More.
LED FLASHLIGHT-3 modes: illumination, strobe, SOS.
BUILT-IN PROTECTION - For over-charge and over-discharge.
CHARGE INDICATOR - Quickly view charge levels.
AUTOMATIC POWER ON/OFF-When not in use.
COPPER JUMPER CLAMPS.
PUMP THE TIRES WITH BUILT - IN AIR COMPRESSOR .
Size:154*80*27mm.
Weight: 300g.
Output: 5V/ 2.1A;12V.
Input: 5V/1.5A.
Full charging time: 6hours.
Start current: 400A.
Peak current: 800A.
Operation temp:-20°C~60°C/-4° F~140° F.

MBJ-10000 12V- 5V/2.4A



FEATURES

JUMPSTART-12 Volt Vehicles.
5V/2.4A USB OUTPUT-Charges Cell phones, iPads, iReaders, Tablets and More.
LED FLASHLIGHT-3 modes: illumination, strobe, SOS.
BUILT-IN PROTECTION - For over-charge and over-discharge.
CHARGE INDICATOR - Quickly view charge levels.
AUTOMATIC POWER ON/OFF-When not in use.
COPPER JUMPER CLAMPS.
PUMP THE TIRES WITH BUILT - IN AIR COMPRESSOR .
Size: 245*100*46mm .
Weight: 880g.
Output: 5V/2.4A*2; 12V.
Input: 5V/2A.
Full charging time: 6hours.
Start current: 500A.
Peak current: 1000A.
Operation temp:-20°C~60°C/-4° F~140° F.

SUPER CAPACITOR JUMP STARTER

12V SC-1000F



6 947312 408411



12VSC-720F



6 947312 408428



12V SC-350F 12V SC-500F



6 947312 408435 6 947312 408442



IT CAN BE ENERGIZED BY CAR BATTERY

12V/24V
outlets12V outlets
or USB12V outlets
or 5V USB

Maintenance free

Innovative technology with super capacitor, no battery storage issues and over discharged issues.

Fast & easy charging

It can be stored a huge amount of energy within 3 minutes and provided full cranking power.

Powerful and lightweight

Compact and lightweight for easy handling and storage yet still delivers the same result as heavy, bulky, lead acid battery equivalents.

Ultra long life span

Life cycle >500,000 warranty for 2 years.

Stable power in any temperature

Power output is virtually unaffected by temperatures.

Full protection

Over load protection & over temperature protection reverse polarity protection & short circuit protection Spark proof & automatic power disconnecting.

MB-VM 12V

6 947312 408619



Pocket voltmeter, very practical and easy to use, with LED indicators for battery charge status. Thanks to its included cable system, it is easy to measure voltage directly at the battery terminals or at the charging cable termination. Ideal for businesses or end consumers.

SPECIAL FEATURES

12V battery voltage measurement.

Battery state indication display.

Reverse polarity protection.

Battery voltage testing:

25% - 9.8 to 12.0V | 50% - 12.0 to 12.4V | 75% - 12.4 to 12.6V | 100% - 12.6 to 13.8V.

MB-AVM 6V-12V

6 947312 408626



Digital voltmeter, very practical and easy to use, with a digital display showing battery charge status indications. It's easy and quick to measure voltage, with clips that can be connected directly to the battery terminals or to the charging cable termination. Ideal for businesses or end consumers.

SPECIAL FEATURES

12V Battery Voltage Measurement.

Testing Range: 4.99-19.99 VOLTS.

Battery Status Display.

Reverse Polarity Protection.

Charge Status:

100% - 12.6V (12 V) - 6.30 (6 V) | 75% - 12.4V (12V) - 6.20 (6V) | 0%-11.80 (12V)-5.90 (6V)
50% - 12.2V (12 V) - 6.10 (6 V) | 25% - 12.0V (12V) - 6.00 (6 V).

MB-T 12V- 400 CCA

6 947312 408602



Mechanical-type tester with internal resistance for charging systems, very easy to use, ideal for motorcycle workshops and businesses.

SPECIAL FEATURES

Battery measurement 12V - 12V charging systems.

Display with 3 numeric LEDs + 3 indicator LEDs.

Display with voltage reading.

Operating range up to 400 CCA.

Protection against reverse polarity.

125 amp charging capacity.

Voltmeter from 0 to 15.0V.

Automatic shut-off control (after 10 seconds).

MB MINI PRO V2 TESTER 12V

Preset with Motobatt part numbers for Gel, Quadflex, Pro Lithium and Hybrid for quick test.

BENEFITS

- Conductance correlates directly to the battery capacity.
- Passive testing method is safe.
- Able to test condition of discharged battery.
- Consistent and repeatable results.
- Provides unique indication of battery conditions.

SPECIAL FEATURES

- Simple and easy to use.
- Test batteries on and off the vehicle.
- Accurate results in milliseconds.
- Battery Life Analysis.
- Analysis Result : Good or Replace.
- Large easy to read LCD display.
- Test results based on JIS, EN, DIN, SAE and IEC Standards.
- 5 different languages: English, German, French, Spanish, Italian, Mandarin.
- Vehicle cranking system test- cranking time, voltage and status.
- Vehicle charging system test-load voltage, unloaded voltage, ripple status and charging systems status.

MB-BCT 12V 10Ah to 200Ah Capacity Tester

Professional amperage meter for 12V batteries from 10AH to 200AH, including an LCD display with ticket printing option. Useful for the following types of batteries: QuadFlex AGM, Hybrid, Lithium, Gel, VRLA AGM, HIBRIDA, LITIO, VRLA.

SPECIAL FEATURES

- 99% accuracy with MOSTFET control circuit
- Overload protection.
- Temperature protection.
- Automatic data storage and ticket printing
- Reverse polarity protection
- LCD display.
- Error alert.
- Memory of the last results.

Accessories

MB-CanBus

Can-Bus Connector for BMW motorcycle.



MB-CCAC

Cable with alligator clips 2" in length.



MB-CCRT6

Ring 21" long and 6mm wide diameter with 7.5A fuse.



MB-CCRT8

21" length ring, 8mm diameter with 7.5A fuse.



MB-MAP

21" long cable with male plug for cigarette lighter.



MB-CCFP

16" 18AWG wire with plug socket for cigarette lighter.



MB-RTC

Cover for 2-pin plug.



MB-CL5

5" 18 AWG extension cord.



MB-CL10

10" 18 AWG extension cord.



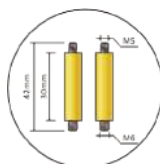
MB-CL25

25" 18 AWG extension cord.



MB-MPA-ADAPTOR

1 pair of adapters, 1 side M5 and other side M6. Ideal for charging Motobatt batteries.



MB-CC

+ve and -ve Charging cables with mini clip at both end



MB-TCL

Alligator clip cable "test and charge".



MB-APKIT

Motobatt parts kit.



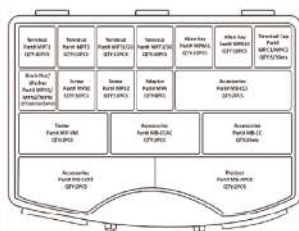
MB-CCART6-JAR

25 pieces of CCRT6 in Jarrito.



MB-USB

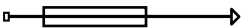
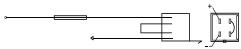
Cable with USB type connector.



	MOTOBATT C Terminal MPT1-(M5 15.5*14*13*2.5mm)
	MOTOBATT C Terminal MPT2-(M6 15.5*15.5*13*2.5mm)
	MOTOBATT C Terminal MPT4-Special C terminal for MB10U, MB12U, MBTX14AU, MB16A, MB16U, MB18U, MB51814and MBTX24U
	MOTOBATT Screw MPS1-(2 Pieces M5 screw)
	MOTOBATT Screw MPS2-(2 Pieces M6 screw)
	MOTOBATT Hexagon Screw MPS3-(2 Pieces M5*10mm screw)
	MOTOBATT Hexagon Screw MPS4-(2 Pieces M6*12mm screw)
	MOTOBATT Hexagon Screw MPS5-(2 Pieces M6*8mm screw)
	MOTOBATT Round head Screw MPS6-(2 Pieces M6*6mm screw)
	MOTOBATT Hexagon Screw MPS7-(2 Pieces M6*12mm screw with spring washer)
	Part # : MPT6-K Brass Threaded SAE terminal with MB Bolt for accessory attachment. Use for Marine and Automotive. Suitable for all Motobatt Internal threaded Deep Cycle SLA batteries.
 Handles MPC6 (1 piece cap per color for MBTZ26RHD)	

	MOTOBATT Block Nut MPN1-(2 Pieces M5 Nut)
	MOTOBATT Block Nut MPN2-(2 Pieces M6 Nut)
	MOTOBATT Block Nut MPN3-(2 Pieces M6 Nut)
	MOTOBATT Block Nut MPN4-(MBTX30U-2 holes M6 long nut)
	MOTOBATT Block Nut MPN5-(MBTX16U-2 holes M6 long nut)
	MOTOBATT Block Nut MPN8-(MB16A-2 holes M6 long nut)
	Block Nut MPN6-(2 PiecesMB7C-AM 6 Nut)
	MOTOBATT 3mm spacer MP3W -(1 pair of 3mm spacer)
	MOTOBATT Allen Key MPAK1-(3*3cm)
	MOTOBATT Allen Key MPAK2-(4*4cm)
	MOTOBATT Terminal Cap MPC1-(1 piece 11*5 .5 terminal cap for each color)
	MOTOBATT Terminal Cap MPC2-(1 piece 2*5.5 terminal cap for each color)
	MOTOBATT Terminal Cap MPC3-(Transparent terminal caps)
	MOTOBATT Terminal Cap MPC4-(MBTX30U Transparent terminal caps)

	MOTOBATT Terminal Cap MPC5-(MBTX20U Transparent long terminal caps)
	MOTOBATT EVA Bottom Spacer MPBS2-(Total 22mm bottom spacer for MB9U) Size: 132*72*6mm & 132*72*16mm
	MOTOBATT EVA Bottom Spacer MPBS3-(8mm bottom spacer for MB10U and MBTX14AU) Size: 131*85*8mm
	MOTOBATT EVA side Spacer MPBS4 - (15mm side spacer for MBTX20U/HD) Size: 150*87*15mm
	MOTOBATT EVA Bottom Spacer MPBS5-(14mm bottom spacer for MB12U) Size: 129*75*14mm
	MOTOBATT EVA Bottom Spacer MPBS5-(14mm bottom spacer for MB12U) Size: 129*75*14mm
	MOTOBATT EVA Bottom Spacer MPBS8 - (14mm bottom spacer for MBTX24U) Size: 195*79*14mm
	MOTOBATT EVA Bottom Spacer MPBS9-(17mm bottom spacer for MBTX30U/HD) Size: 163*123*17mm
	MOTOBATT EVA Bottom Spacer MPBS10-(15mm bottom spacer for MBTX12U/HD) Size: 140*80*15mm
	MBTX30U/HD-HC EVA heat cover
	MBTX20U/HD-HC EVA heat cover
	MBT12B4-HC EVA heat cover

	Wire MP6NC3 (positive/red)
	Wire MP6NC4 (negative/black)
	Wire MP6NC7 (positive/red)
	Wire MP6NC8 (negative/black)
	Wire MP6NC9 (positive/red)
	Wire MP6NC5 (Positive/Red)
	Wire MP6NC16 (Positive/Red)
	Wire MP6NCD (Positive/Red)
	MP6NC12 (1 Positive / red)
	Wire MP6NC10 (Negative/black)
	Wire MP6NC11 (Positive/Red)

Marketing products

			
MB-APCAPB MOTOBATT CAP.	MB-SUNGLASSES TACC triacetate (ellulose) polarized Glasses. TR (plastic titanium) Fram.	MB-HOODIE Material: 95% Cotton, 5% Synthetic Fiber.	PVC SHOULDER BAG Weight Load: 15KGS Packaging: 50pcs/pack, 400pcs/carton.
			
MB-STICKER Motobatt sticker.	MB-KEVCHAIN Rubber keychain. Both Sides.		
		MB-APXFB Advertising banner made of PVC, with support. Dimensions 160 × 60cm.	MB-DSTAND Dealer Display Stand. Stand size: 195 × 90 × 40 cm Capacity: 5kg/hook, 20kg/panel, total 100 kg/stand.
MB-APCK Motobatt Cutter blade.	MB-LED Headlamp.		
			
MB-APWATCH Japanese brand PC21S movement Woven Strap.	MB-TROLLEY BAG Material: Leather.	MB-APBF Motobatt flag. Comes with bottom support platform and with suitcase for the transfer. easy to assemble. Measures 3.5 × 60cm.	MB-METAL SIGN WITH CHAIN Thickness: 0.5mm Size: 600*300mm Chain Length: 500mm Packaging: 10 sets per carton.



MB-APCUPY
Yellow cup for daily use.



MB-APUMBRELA
Motobatt umbrella, waterproof and windproof, design comfortable. Size 52 inches. UV - Coated.



MB-APTENT
Motobatt tent, flame retardant polyester and resistant to UV rays. Measure 3X3m.



MB-5000B
Mini Portable Power Bank. Capacity: 5000mah
Charging Power: 20W, Type-C & Iphone Package: 1pc/inner box.



BATRACK12
Black display with Motobatt header, perfect for the shipment. Assembles without tools. Ideal for use with Motobatt 12 channel maintainer (MBC12B).



MB-ADSTAND
Advertising stand.



FULLY DISMANTE



MB-PSTAND
Plastic material 2, 4 row display with a weigh load 60 kg per row completely dismantle without screws nor nuts.
Box size: 49cm x 36cm x 21cm and 4kg.



MB-APPEN
Motobatt pen.

MOTOBATT



AGM Quadflex



GEL



PRO Lithium P



PRO Lithium HP



Hybrid



Deep Cycle



Auxiliary Battery



EV



Chargers



Testers



Jump Starter